

**REDACTED**

LB00075

United States Environmental Protection Agency  
Region 4



35<sup>TH</sup> AVENUE REMOVAL INVESTIGATION  
BIRMINGHAM, ALABAMA  
JEFF CROWLEY, ON-SCENE COORDINATOR

**FIELD SAMPLING LOGBOOK**

Book 1 of       

Inclusive Dates: 4/22/2013 -

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)	QP	OTIE, Team Leader
	MM	OTIE
	JW	OTIE

## **Sampling Procedures and Methodology**

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SESD) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than ( $\leq$ ) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ( $>$ ) 5,000 square feet and  $\leq \frac{1}{4}$ -acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over  $\frac{1}{4}$ -acre in parcel lot size will be divided into  $\frac{1}{4}$ -acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SESD FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34<sup>th</sup> Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SESD FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with “A”.

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with “CS” (composite soil), “GS” (grab soil), “SD” (sediment), or “SW” (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a “D” to the end of the sample ID. Pan splits will be identified by appending an “SP” to the end of the sample ID.

(b) (6)

ADDRESS:

DATE: 1500

PROPERTY ID: PM0323

ARRIVAL TIME:

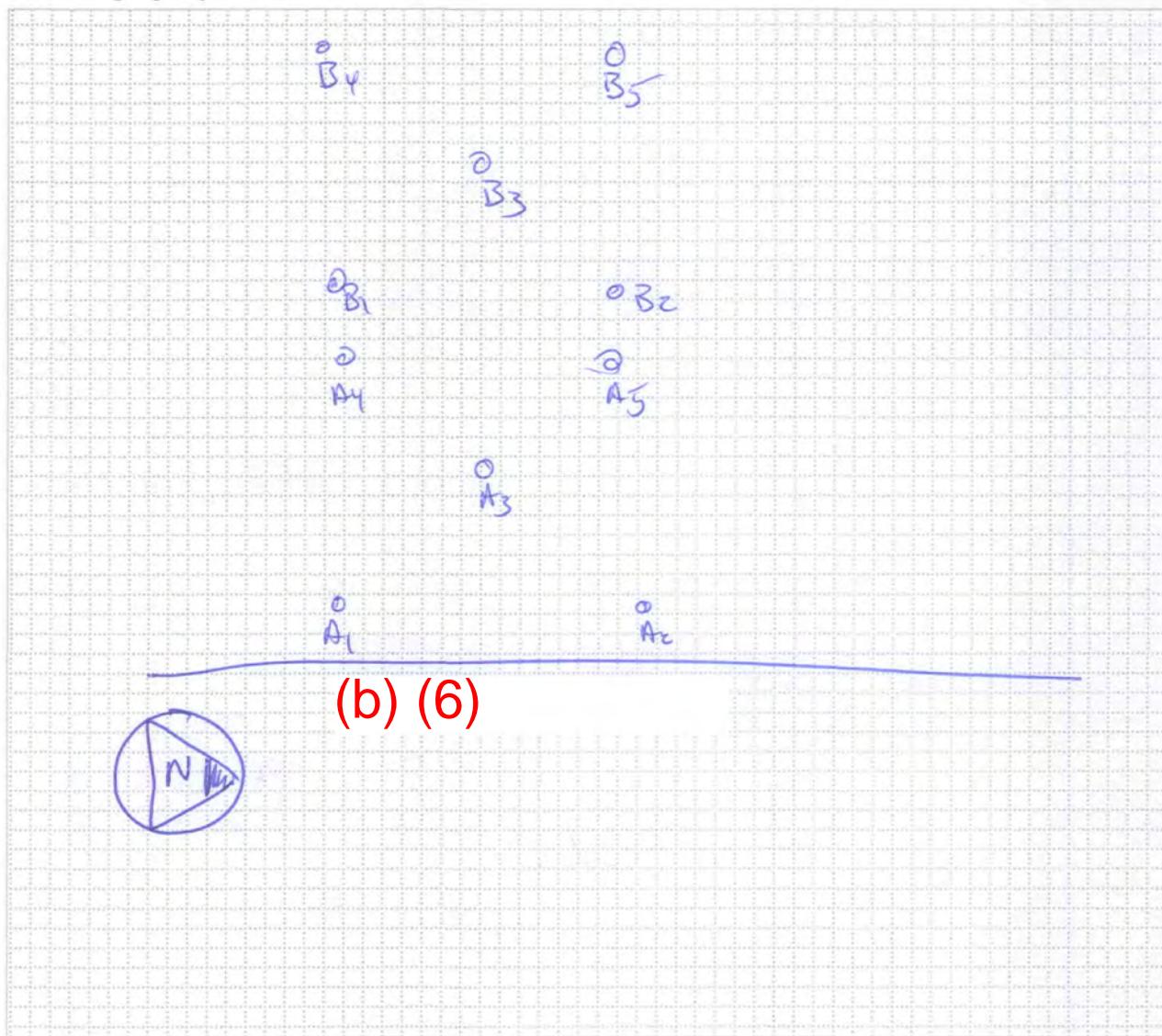
Other pertinent information (weather conditions, etc.):

Sunny @ 69°F

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: Fm0323 SAMPLE ID: Fm0323A-CS

SAMPLE COLLECTION TIME: 1330

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Parcel

Collection:  Composite or Grab

MS/MSD? Y or  N

Field Duplicate or Split:  Yes or No If yes, indicate Duplicate/split sample station ID: Fm0323A-CS-D

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	020168	Logged?	Y or N
Aliquot #1: Latitude:	33,56460748	N Longitude	86,81269184	W	
Media description:	Brown sandy silt w/gravel - dry				
Aliquot #2 Latitude:	33,56466516	N Longitude	86,81270145	W	
Media description:	Same A1				
Aliquot #3: Latitude:	33,56464027	N Longitude	86,81280473	W	
Media description:	Same A1				
Aliquot #4: Latitude:	33,56458799	N Longitude	86,81289513	W	
Media description:	Dark Brown silt w/coal fragments - dry				
Aliquot #5: Latitude:	33,56470006	N Longitude	86,81290356	W	
Media description:	Same A1				

STATION ID: Fm0323 SAMPLE ID: Fm0323B-CS

SAMPLE COLLECTION TIME: 1340

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Parcel

Collection:  Composite or Grab

MS/MSD? Y or  N

Field Duplicate or Split:	Yes or <input checked="" type="checkbox"/> No	If yes, indicate Duplicate/split sample station ID:	
GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	020168
Aliquot #1: Latitude:	33,56458643	N Longitude	86,81293145
Media description:	Brown sandy clay w/coal fragments		
Aliquot #2 Latitude:	33,56471307	N Longitude	86,81292646
Media description:	Brown sandy clay w/coal fragments		
Aliquot #3: Latitude:	33,56466063	N Longitude	86,81360772
Media description:	Brown sandy Clay w/coal fragments		
Aliquot #4: Latitude:	33,56461826	N Longitude	86,81313797
Media description:	Dark Brown silty w/coal fragments		
Aliquot #5: Latitude:	33,56470748	N Longitude	86,81312432
Media description:	Park Brown s, lth w/coal fragments		

note: Sampled on April 13,  
more discarded

(b) (6)

ADDRESS

PROPERTY ID: EU0224 M

DATE: 4/22/13

ARRIVAL TIME: 1400

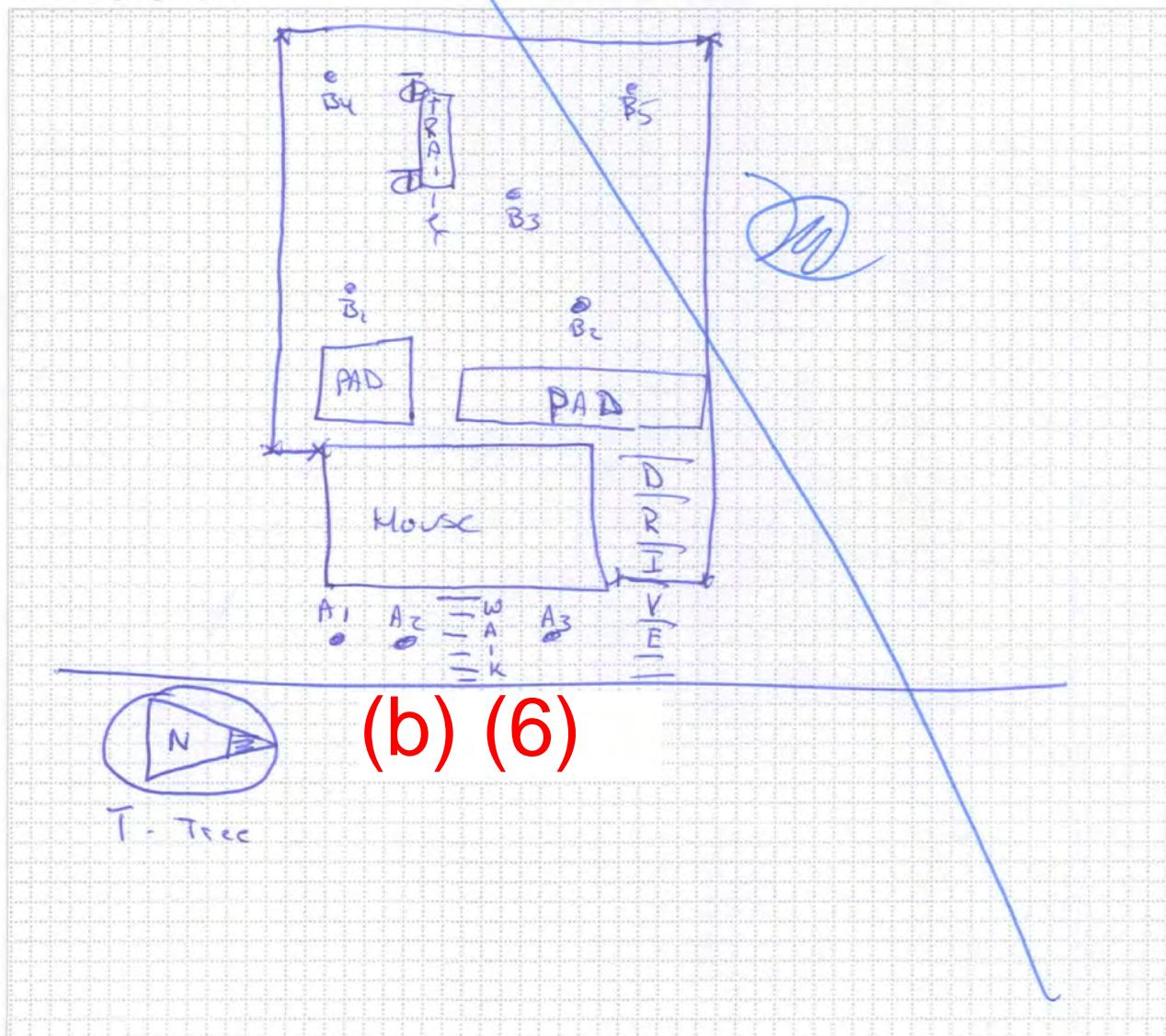
EE224 M  
EU0224 M

Other pertinent information (weather conditions, etc.):

75° sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV1724  
CV0224 SAMPLE ID: CV0224A-CS

SAMPLE COLLECTION TIME: 1409

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates:	Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>020168</u>	Logged? Y or N	
Aliquot #1:	Latitude:	<u>33.55624184</u>	N Longitude	<u>86.80176418</u>	W
	Media description:	<u>Brown S.LT with gravel</u>			
Aliquot #2	Latitude:	<u>33.55627803</u>	N Longitude	<u>86.80176829</u>	W
	Media description:	<u>Brown S.LT w/ gravel</u>			
Aliquot #3:	Latitude:	<u>33.55632512</u>	N Longitude	<u>86.80175445</u>	W
	Media description:	<u>Brown S.LT w/ gravel</u>			
Aliquot #4:	Latitude:		N Longitude		W
	Media description:				
Aliquot #5:	Latitude:	<u>4/22/13</u>	N Longitude		W
	Media description:				

STATION ID: CV0224 SAMPLE ID: CV0224B-CS

SAMPLE COLLECTION TIME: 1416

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard.

Collection: Composite or Grab MS/MSD? Y or N

GPS Coordinates:	Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>020168</u>	Logged? Y or N	
Aliquot #1:	Latitude:	<u>33.55625650</u>	N Longitude	<u>86.80203244</u>	W
	Media description:	<u>Brown S.LT w/ coal fragments &amp; gravel</u>			
Aliquot #2	Latitude:	<u>33.55633351</u>	N Longitude	<u>86.80201465</u>	W
	Media description:	<u>Same B<sub>1</sub></u>			
Aliquot #3:	Latitude:	<u>33.55630387</u>	N Longitude	<u>86.80209033</u>	W
	Media description:	<u>Same B<sub>1</sub></u>			
Aliquot #4:	Latitude:	<u>33.55625469</u>	N Longitude	<u>86.80216796</u>	W
	Media description:	<u>Same B<sub>1</sub></u>			
Aliquot #5:	Latitude:	<u>33.55635224</u>	N Longitude	<u>86.80215701</u>	W
	Media description:	<u>Same B<sub>1</sub></u>			

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: EV0905 DP

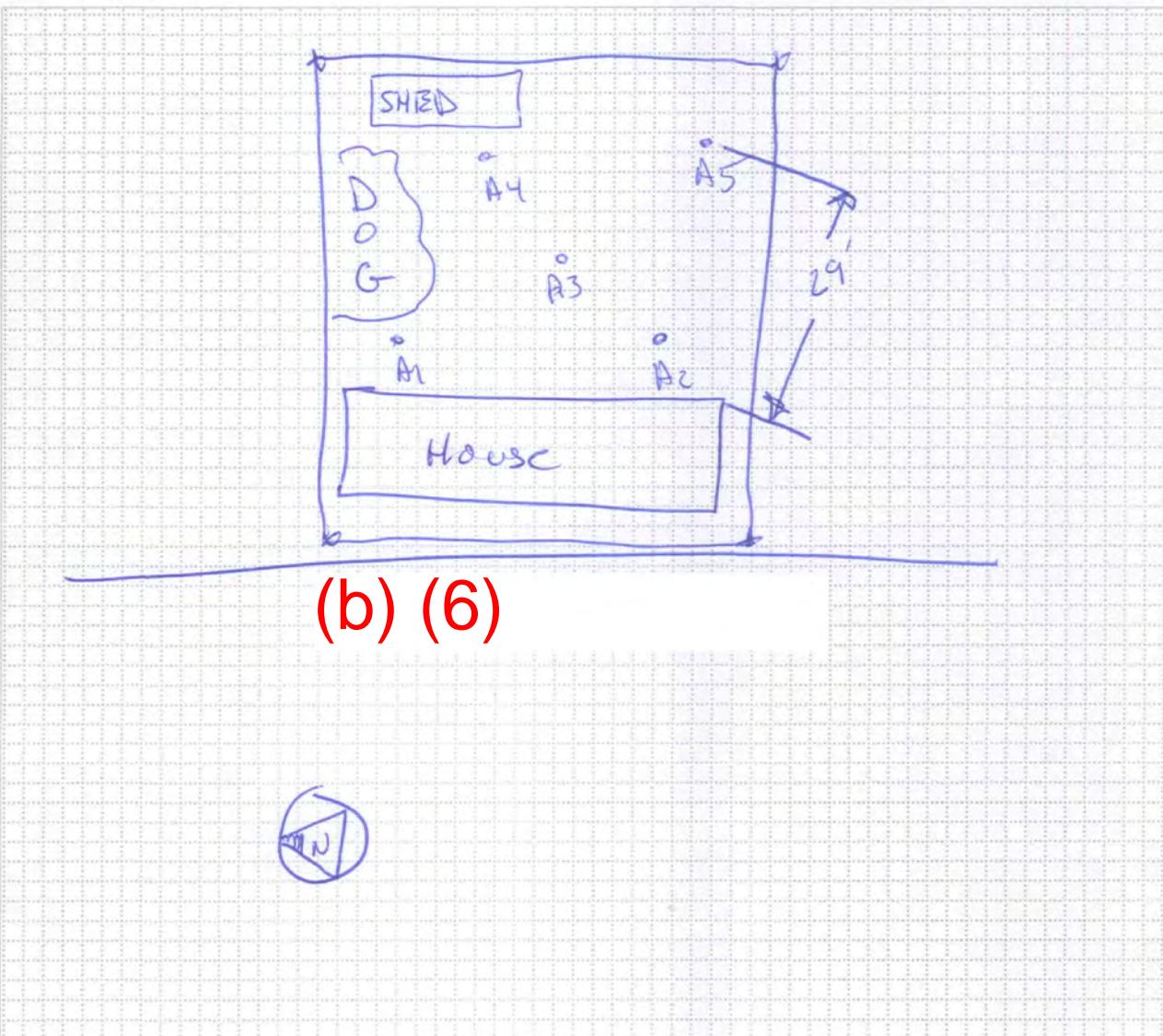
DATE: 4-22-13 ARRIVAL TIME: 1445 CU1329

Other pertinent information (weather conditions, etc.):  
79°

PROPERTY COMMENTS:

No Room on Front of House for Sample

Grid for property sketch



CU 1329  
CV0905 DR

(W)  
SAMPLE ID: CV0905A-CS  
CV 1329 A-CS

STATION ID:

SAMPLE COLLECTION TIME: 1455

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓]	Instrument #: 020 168	Logged? Y or N
Aliquot #1: Latitude: 33.55231152	N Longitude 86.80037040	W
Media description: Orange/Brown sandy soil		
Aliquot #2: Latitude: 33.55222461	N Longitude 86.80036184	W
Media description: Same A1		
Aliquot #3: Latitude: 33.55225841	N Longitude 86.80030241	W
Media description: same A1		
Aliquot #4: Latitude: 33.55228018	N Longitude 86.80026586	W
Media description: same A1		
Aliquot #5: Latitude: 33.55222839	N Longitude 86.80025889	W
Media description: same A1 + coal fragments		

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab	MS/MSD? Y or N	
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:		
GPS Coordinates: Trimble [ ]	Instrument #: _____	Logged? Y or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: 4/22/13		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: _____		

**(b) (6)**

ADDRESS:

PROPERTY ID: Cv0809

DATE: 4/23/13

ARRIVAL TIME: 0846

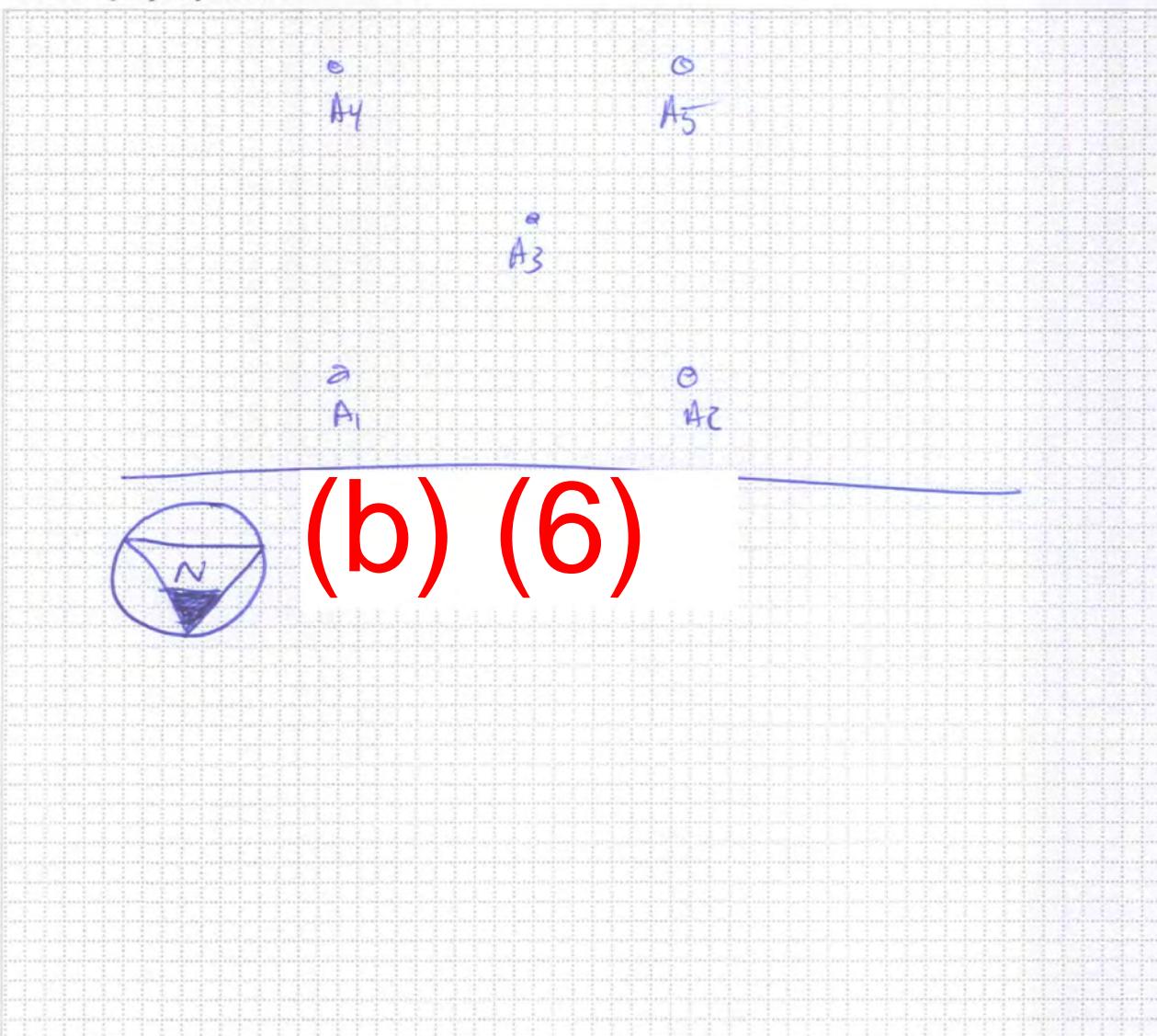
Other pertinent information (weather conditions, etc.):

68°

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CV0809 SAMPLE ID: CV0809A-CS

SAMPLE COLLECTION TIME: 0845

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Parcel

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0809A-CS-10

GPS Coordinates:	Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.55389061</u>	N Longitude	<u>86.80085170</u>	W
	Media description:	<u>Dark Brown silty Clay w/gravel &amp; coal fragments</u>			
Aliquot #2:	Latitude:	<u>33.55389198</u>	N Longitude	<u>86.80096619</u>	W
	Media description:	<u>Same A1</u>			
Aliquot #3:	Latitude:	<u>33.55382977</u>	N Longitude	<u>86.80090942</u>	W
	Media description:	<u>Same A1</u>			
Aliquot #4:	Latitude:	<u>33.55375827</u>	N Longitude	<u>86.80086134</u>	W
	Media description:	<u>Same A1</u>			
Aliquot #5:	Latitude:	<u>33.55375760</u>	N Longitude	<u>86.80087365</u>	W
	Media description:	<u>Same A1</u>			

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CSF

GPS Coordinates:	Trimble [ <input type="checkbox"/> ]	Instrument #:	<u> </u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u> </u>	N Longitude	<u> </u>	W
	Media description:	<u>41/23/13</u>			
Aliquot #2:	Latitude:	<u> </u>	N Longitude	<u> </u>	W
	Media description:	<u> </u>			
Aliquot #3:	Latitude:	<u> </u>	N Longitude	<u> </u>	W
	Media description:	<u> </u>			
Aliquot #4:	Latitude:	<u> </u>	N Longitude	<u> </u>	W
	Media description:	<u> </u>			
Aliquot #5:	Latitude:	<u> </u>	N Longitude	<u> </u>	W
	Media description:	<u> </u>			

**(b) (6)**

ADDRESS:

PROPERTY ID: CV0773

DATE: 4-23-13

ARRIVAL TIME: 0910

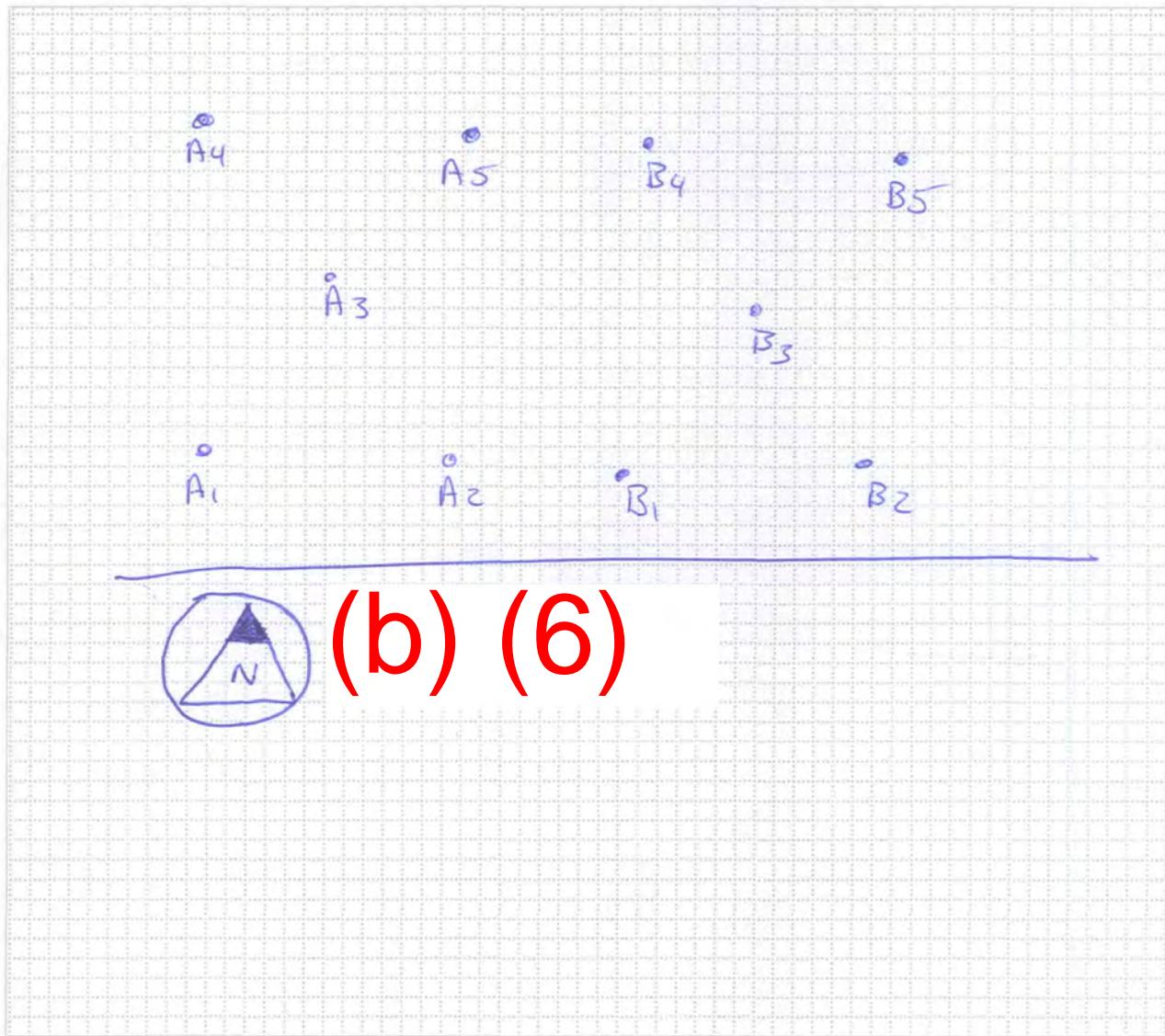
Other pertinent information (weather conditions, etc.):

68° sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CV0773

SAMPLE ID: CV0773A-CS

SAMPLE COLLECTION TIME: 0925

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty ParcelCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble  Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.55345355 N Longitude 86.8030598 W  
Media description: Dark Brown s.1Ty clay + coal & gravel

Aliquot #2: Latitude: 33.55345640 N Longitude 86.80301980 W  
Media description: Brown s.1ty clay w/gravel

Aliquot #3: Latitude: 33.55353298 N Longitude 86.80305841 W  
Media description: Same A2

Aliquot #4: Latitude: 33.55359856 N Longitude 86.80309750 W  
Media description: Same A2

Aliquot #5: Latitude: 33.55360648 N Longitude 86.80301486 W  
Media description: Same A2

STATION ID: CV0773

SAMPLE ID: CV0773B-CS

SAMPLE COLLECTION TIME: 0935

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty ParcelCollection: Composite or GrabMS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble  Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.55345709 N Longitude 86.80290936 W  
Media description: Dark Brown sandy s.1t w/gravel

Aliquot #2: Latitude: 33.55346100 N Longitude 86.80277730 W  
Media description: Same B2

Aliquot #3: Latitude: 33.55353158 N Longitude 33.55353158 W  
Media description: Dark Brown sandy s.1t w/gravel & coal fragment

Aliquot #4: Latitude: 33.55360359 N Longitude 86.80291360 W  
Media description: Same B3

Aliquot #5: Latitude: 33.55360272 N Longitude 86.80278239 W  
Media description: Same B3

(b) (6)

ADDRESS:

PROPERTY ID: CV1Z02

DATE: 4-23-13

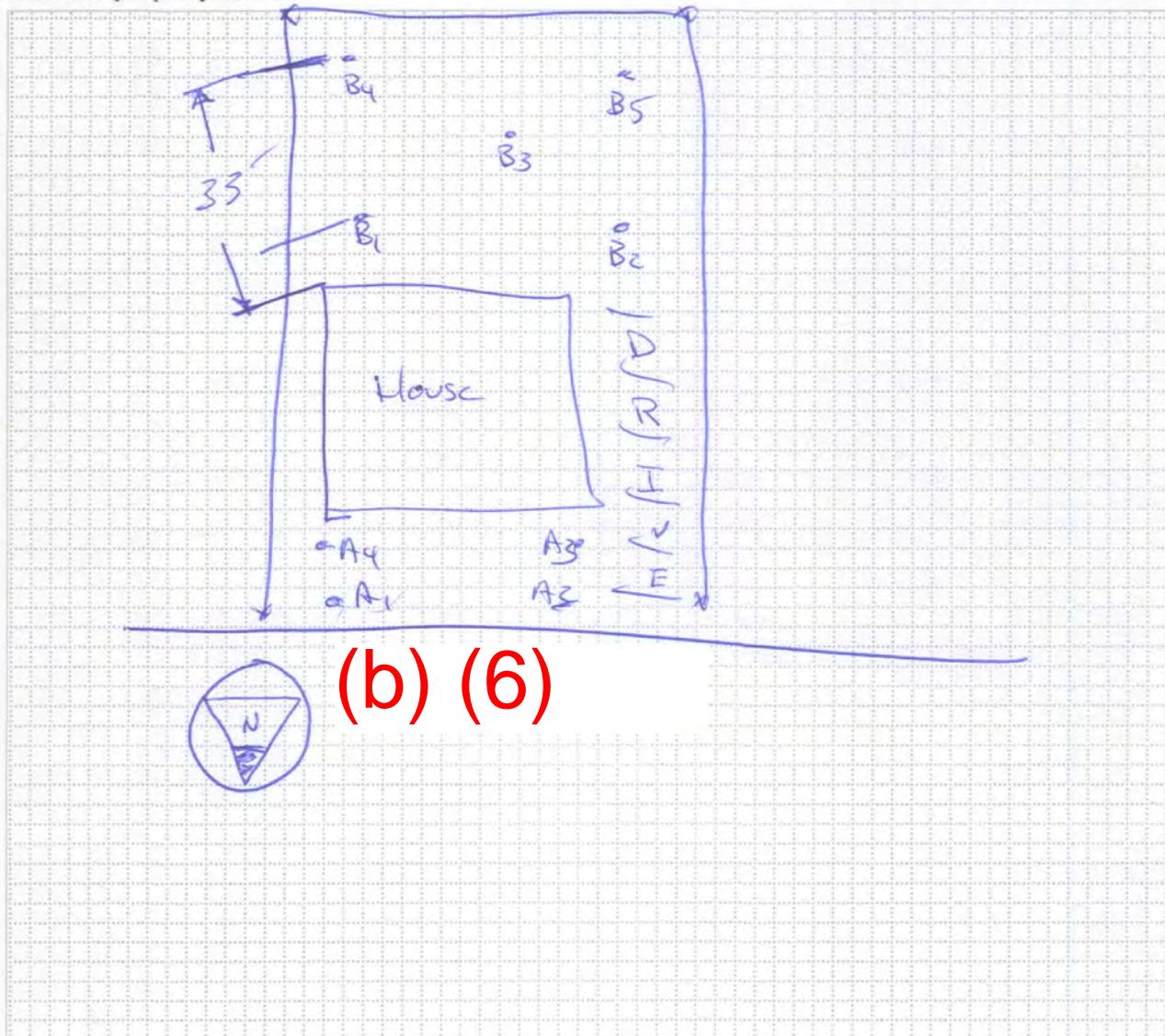
ARRIVAL TIME: 0955

Other pertinent information (weather conditions, etc.):

68° Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV1202 SAMPLE ID: CV1202A -CS

SAMPLE COLLECTION TIME: 1020

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.55200550	N Longitude 86.80411444 W
Media description:	Dark Brown S. Ity clay w/gravel & Coal Fragments	
Aliquot #2 Latitude:	33.55200765	N Longitude 86.80417713 W
Media description:	Same A1	
Aliquot #3: Latitude:	33.55176910	N Longitude 86.80418118 W
Media description:	Same A1	
Aliquot #4: Latitude:	33.55195454	N Longitude 86.80412465 W
Media description:	Same A1	
Aliquot #5: Latitude:	33.55178111	N Longitude 86.80410178 W
Media description:	4/23/13	

STATION ID: CV1202 SAMPLE ID: CV1202B -CS

SAMPLE COLLECTION TIME: 1020

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1202B -CS -D

GPS Coordinates: Trimble [✓] Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.55178111	N Longitude 86.80410178 W
Media description:	Dark Brown S. Ity Clay w/gravel & Coal Fragments	
Aliquot #2 Latitude:	33.55177094	N Longitude 86.80417508 W
Media description:	Same B1	
Aliquot #3: Latitude:	33.55176478	N Longitude 86.80413399 W
Media description:	Same B1	
Aliquot #4: Latitude:	33.55171019	N Longitude 86.80410565 W
Media description:	Same B1	
Aliquot #5: Latitude:	33.55171627	N Longitude 86.80418147 W
Media description:	Same B1	

(b) (6)

ADDRESS:

PROPERTY ID: CV1235

DATE: 4/23/13

ARRIVAL TIME: 1245

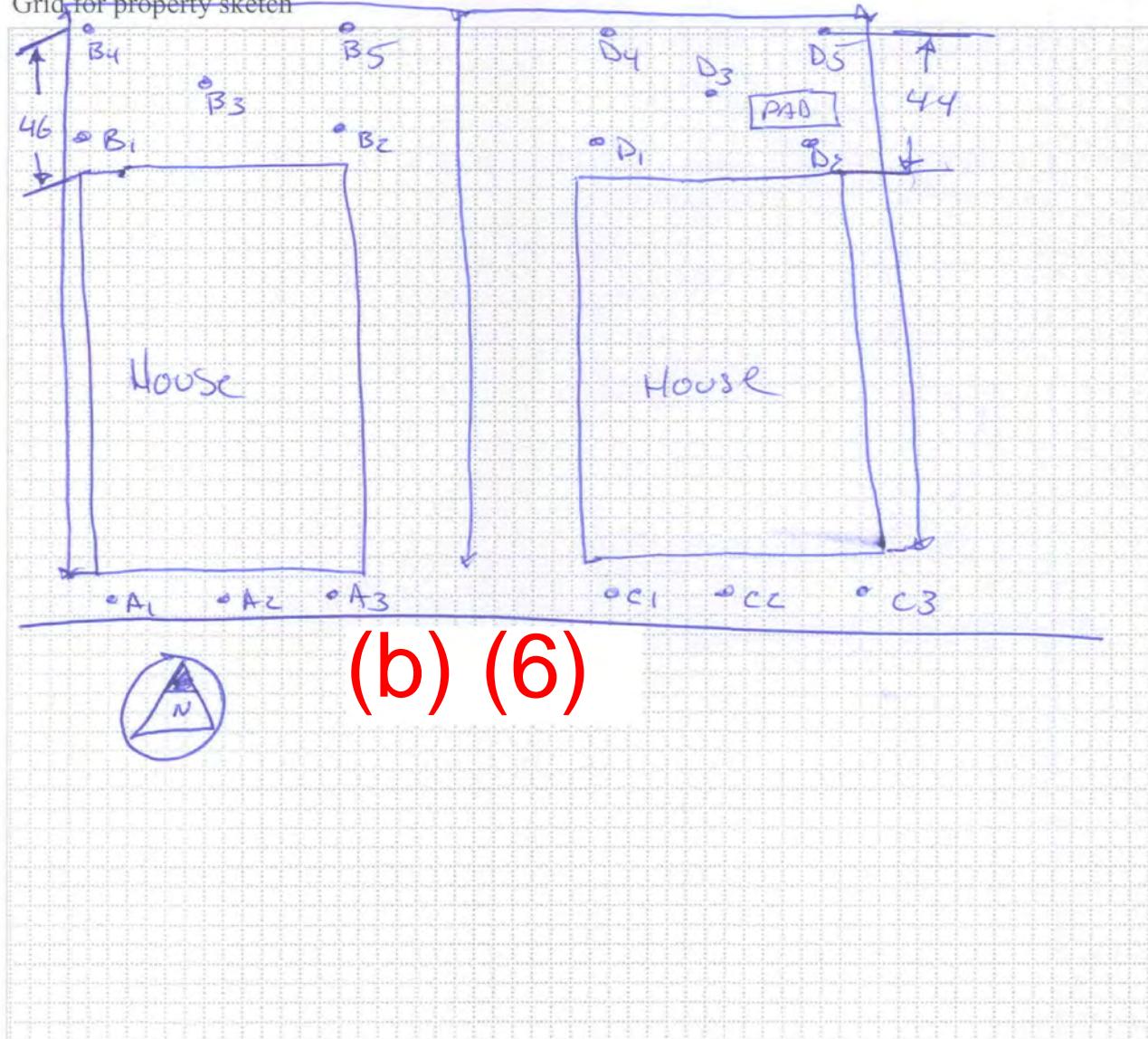
Other pertinent information (weather conditions, etc.):

78° sunny

PROPERTY COMMENTS:

Two houses sit on parcel

Grid for property sketch



STATION ID: CV1235

SAMPLE ID: CV1235A-CS

SAMPLE COLLECTION TIME: 1310

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168

Logged? Y or N

Aliquot #1: Latitude: 33.53207220 N Longitude 86.80106582 W

Media description: Brown silt clay w/gravel & coal fragments

Aliquot #2 Latitude: 33.53206892 N Longitude 86.80099239 W

Media description: Same A1

Aliquot #3: Latitude: 33.53206952 N Longitude 86.80095768 W

Media description: Same A1

Aliquot #4: Latitude: N Longitude W

Media description: (X)P

Aliquot #5: Latitude: N Longitude W

Media description: 4/23/13

STATION ID: CV1235

SAMPLE ID: CV1235B-CS

SAMPLE COLLECTION TIME: 1320

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168

Logged? Y or N

Aliquot #1: Latitude: 33.55227473 N Longitude 86.80103986 W

Media description: Dark Brown sandy silt gravel & coal fragments

Aliquot #2 Latitude: 33.55227787 N Longitude 86.80095288 W

Media description: Same B1

Aliquot #3: Latitude: 33.55234403 N Longitude 86.80099661 W

Media description: Same B1

Aliquot #4: Latitude: 33.55238352 N Longitude 86.80102355 W

Media description: Same B1

Aliquot #5: Latitude: 33.5523690 N Longitude 86.80095599 W

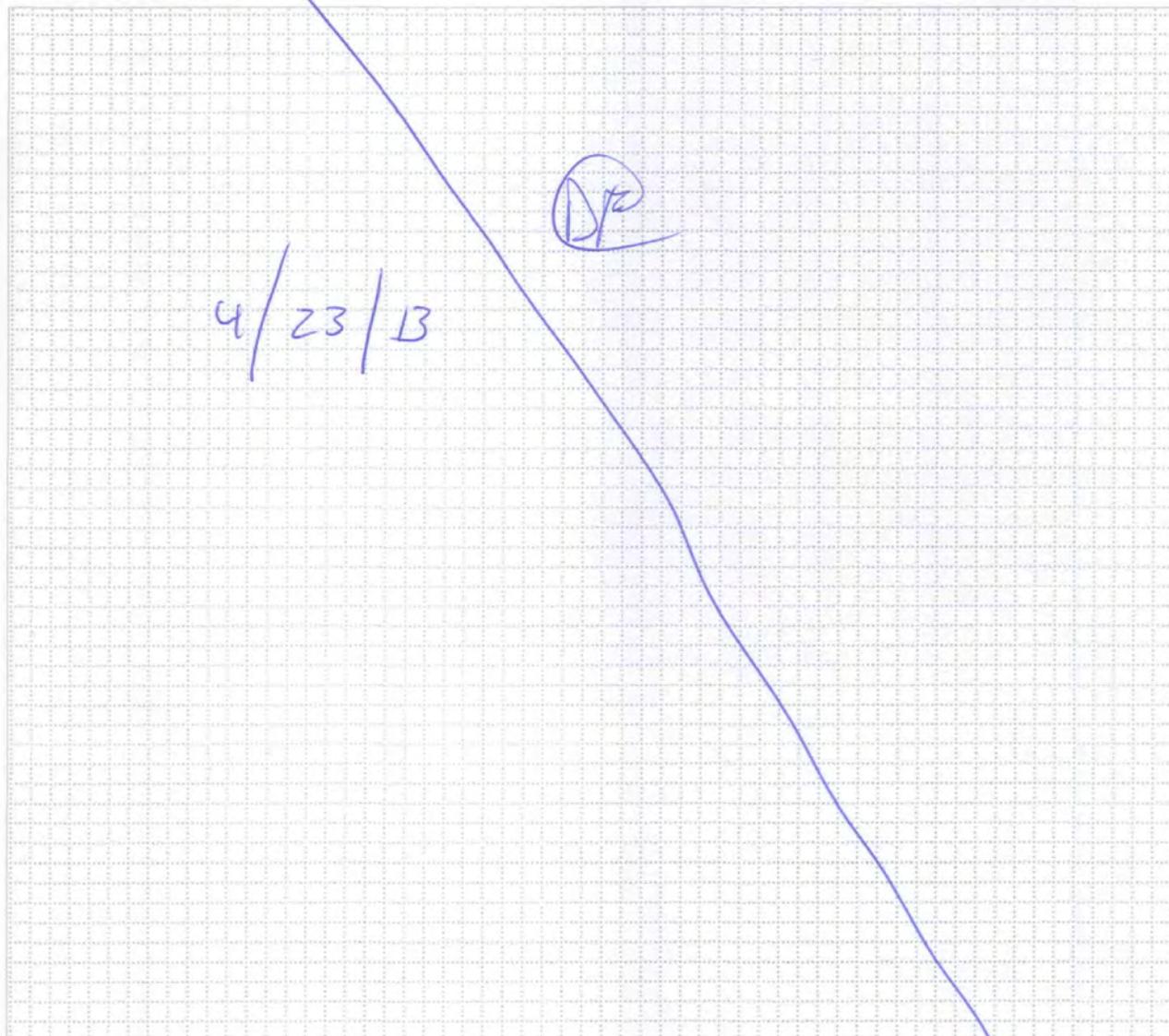
Media description: Same B1

ADDRESS: Cont PROPERTY ID: CR1235  
DATE: 4/23/13 ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):  
\_\_\_\_\_  
\_\_\_\_\_

**PROPERTY COMMENTS:**

Grid for property sketch



STATION ID: CV1235

SAMPLE ID: CV1235C-CS

SAMPLE COLLECTION TIME: 1330

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.55208339 N Longitude 86.80090200 W

Media description: Dark Brown sandy S.I.T w/g gravel &amp; coal frags

Aliquot #2 Latitude: 33.55208090 N Longitude 86.80083405 W

Media description: Same A

Aliquot #3: Latitude: 33.55207572 N Longitude 86.80077594 W

Media description: Same A

Aliquot #4: Latitude: N Longitude W

Media description:

Aliquot #5: Latitude: 4/23/13 N Longitude W

Media description:

STATION ID: CV1235 SAMPLE ID: CV1235D-CS

SAMPLE COLLECTION TIME: 1340

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1235D-CS-D

GPS Coordinates: Trimble [✓] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.55227414 N Longitude 86.80089236 W

Media description: Dark Brown sandy S.I.T w/g gravel &amp; coal fragments

Aliquot #2 Latitude: 33.55227933 N Longitude 86.80079696 W

Media description: Same D

Aliquot #3: Latitude: 33.55234014 N Longitude 86.80084368 W

Media description: Same D

Aliquot #4: Latitude: 33.55238839 N Longitude 86.80087351 W

Media description: Same D

Aliquot #5: Latitude: 33.55238598 N Longitude 86.80079787 W

Media description: Same D

**(b) (6)**

ADDRESS: \_\_\_\_\_

CV 1324

DATE: 4/23/13

PROPERTY ID: CV 1324

ARRIVAL TIME: 1400

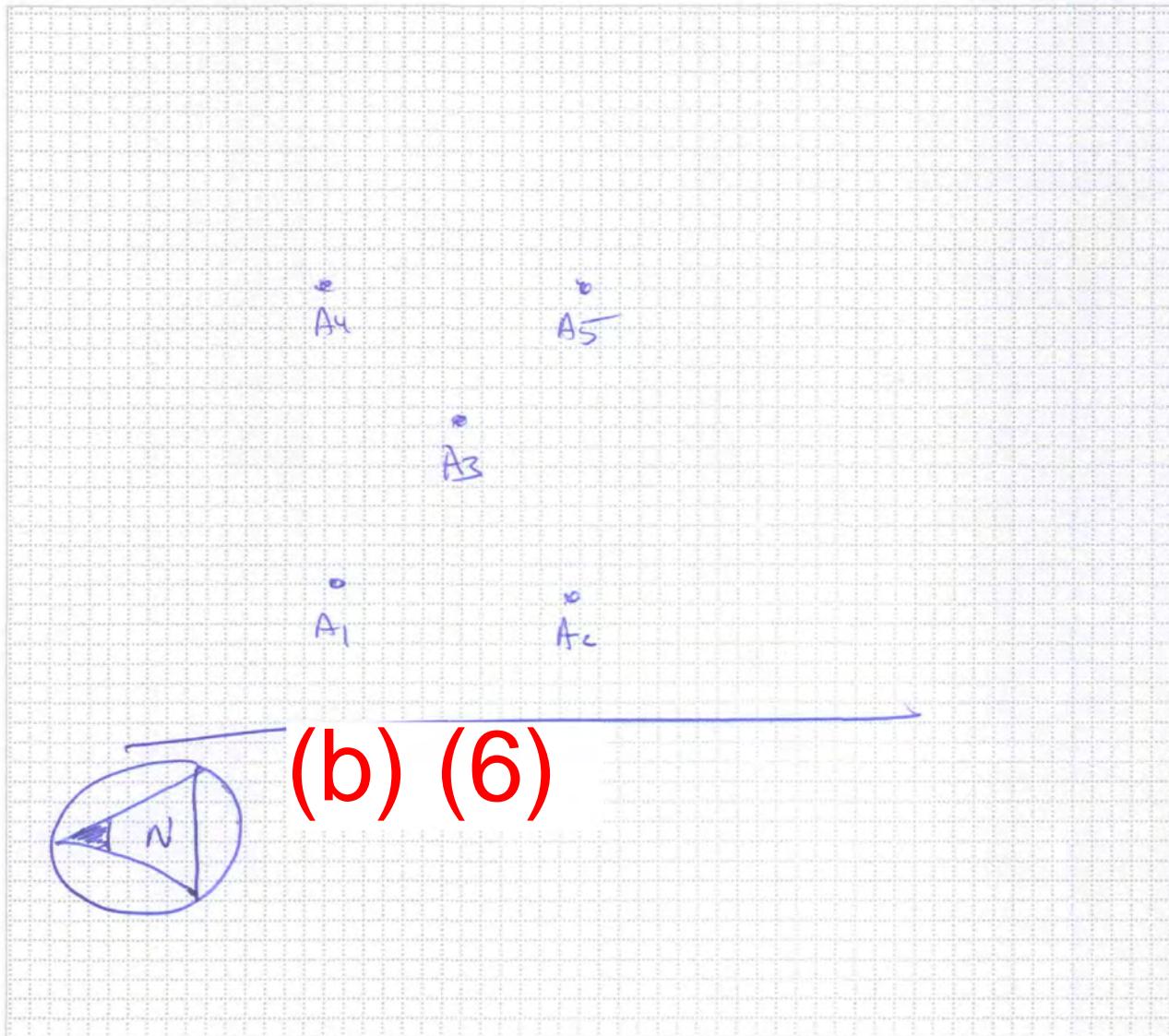
Other pertinent information (weather conditions, etc.):

78° Sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CV1324 SAMPLE ID: CV1324A-CS

SAMPLE COLLECTION TIME: 1420

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Parcel

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates:	Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.53173590</u>	N Longitude	<u>86.80042935</u>	W
	Media description:	<u>Brown S.1ty clay w/ gravel</u>			
Aliquot #2:	Latitude:	<u>33.53169083</u>	N Longitude	<u>86.80042248</u>	W
	Media description:	<u>Dark Brown Sclty S.1t w/ gravel &amp; Coal Gray</u>			
Aliquot #3:	Latitude:	<u>33.53165962</u>	N Longitude		W
	Media description:	<u>Same Az</u>			
Aliquot #4:	Latitude:	<u>33.53171858</u>	N Longitude	<u>86.80025251</u>	W
	Media description:	<u>Same Az</u>			
Aliquot #5:	Latitude:	<u>33.53168012</u>	N Longitude	<u>86.80024927</u>	W
	Media description:	<u>Same Az</u>			

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection:	Composite	or	Grab	MS/MSD?	Y or N
Field Duplicate or Split:	Yes	or	<u>No</u>	If yes, indicate Duplicate/split sample station ID:	_____
GPS Coordinates:	Trimble [ <input type="checkbox"/> ]	Instrument #:	<u>QD</u>	Logged?	Y or N
Aliquot #1:	Latitude:		N Longitude		W
	Media description:	<u>4/23/13</u>			
Aliquot #2:	Latitude:		N Longitude		W
	Media description:				
Aliquot #3:	Latitude:		N Longitude		W
	Media description:				
Aliquot #4:	Latitude:		N Longitude		W
	Media description:				
Aliquot #5:	Latitude:		N Longitude		W
	Media description:				

(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: CV 1158

DATE: 4/23/13

ARRIVAL TIME: 1440

Other pertinent information (weather conditions, etc.):

78° sunny

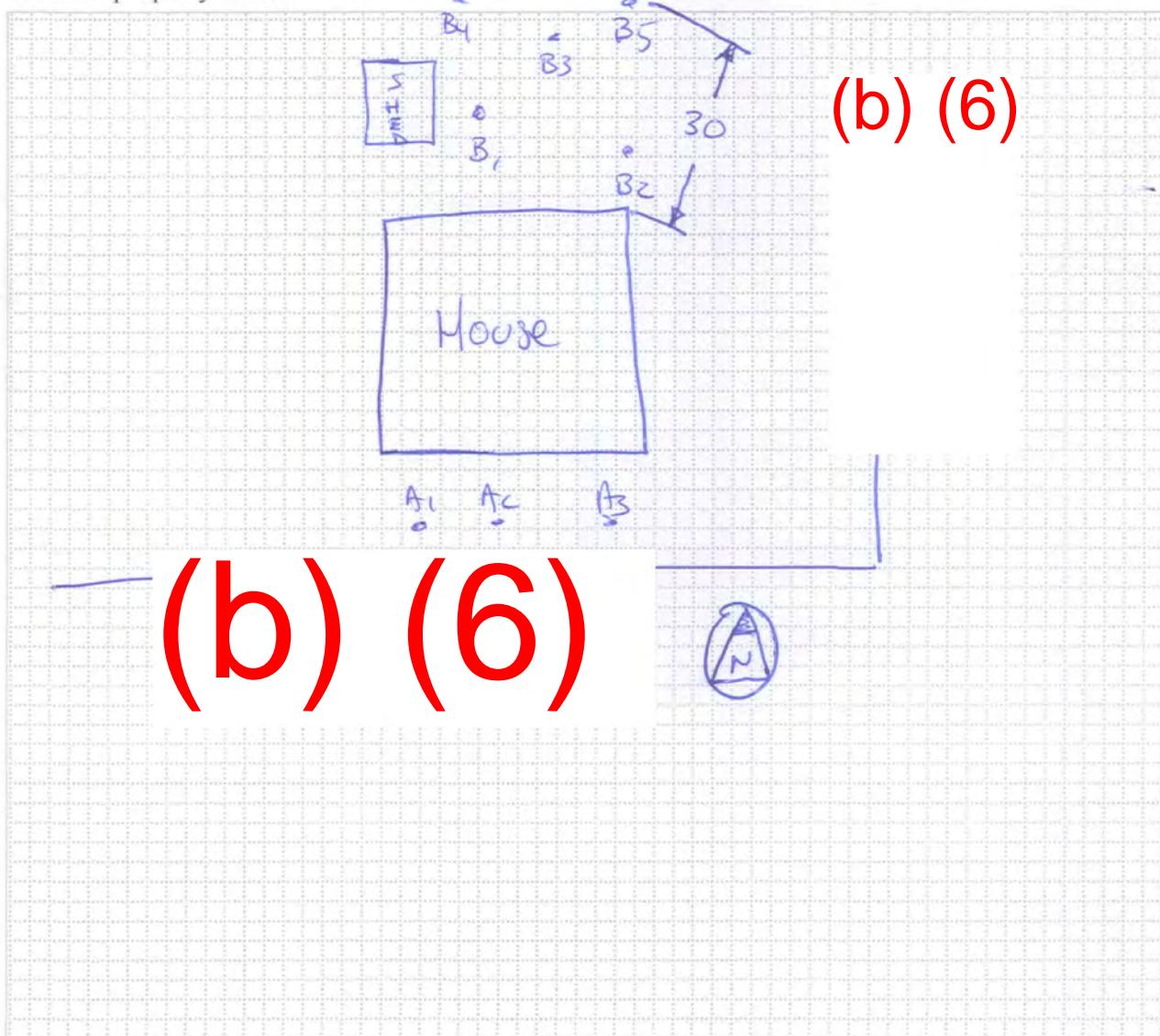
PROPERTY COMMENTS:

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Grid for property sketch



STATION ID: CV 1158

SAMPLE ID: CV 1158A-CS

SAMPLE COLLECTION TIME: 1445

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front YardCollection: Composite or GrabMS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ]	Instrument #: 020168	Logged? Y or N
Aliquot #1: Latitude:	33.55127976	N Longitude 86.80075811 W
Media description:	Dark Brown Sandy S.I.T w/gravel & coal fragments	
Aliquot #2 Latitude:	33.55128178	N Longitude 86.80072202 W
Media description:	Same A1	
Aliquot #3: Latitude:	33.55129075	N Longitude 86.80068251 W
Media description:	Same A1	
Aliquot #4: Latitude:		N Longitude
Media description:	TP	
Aliquot #5: Latitude:		N Longitude
Media description:	4/23/13	

STATION ID: CV 1158

SAMPLE ID: CV 1158B-CS

SAMPLE COLLECTION TIME: 1500

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BackyardCollection: Composite or GrabMS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ]	Instrument #: 020168	Logged? Y or N
Aliquot #1: Latitude:	33.55148463	N Longitude 86.80071344 W
Media description:	Brown Sandy silt w/gravel	
Aliquot #2 Latitude:	33.55146424	N Longitude 86.80068274 W
Media description:	Brown silty clay some gravel	
Aliquot #3: Latitude:	33.55152120	N Longitude 86.80070254 W
Media description:	Same B2	
Aliquot #4: Latitude:	33.55157097	N Longitude 86.80073021 W
Media description:	Dark Brown Sandy S.I.T w/ coal fragment & gravel	
Aliquot #5: Latitude:	33.55156604	N Longitude 86.80067664 W
Media description:	Same B5	

(b) (6)

**ADDRESS:**

PROPERTY ID: CV1336

DATE: 4-24 - B

ARRIVAL TIME: 0855

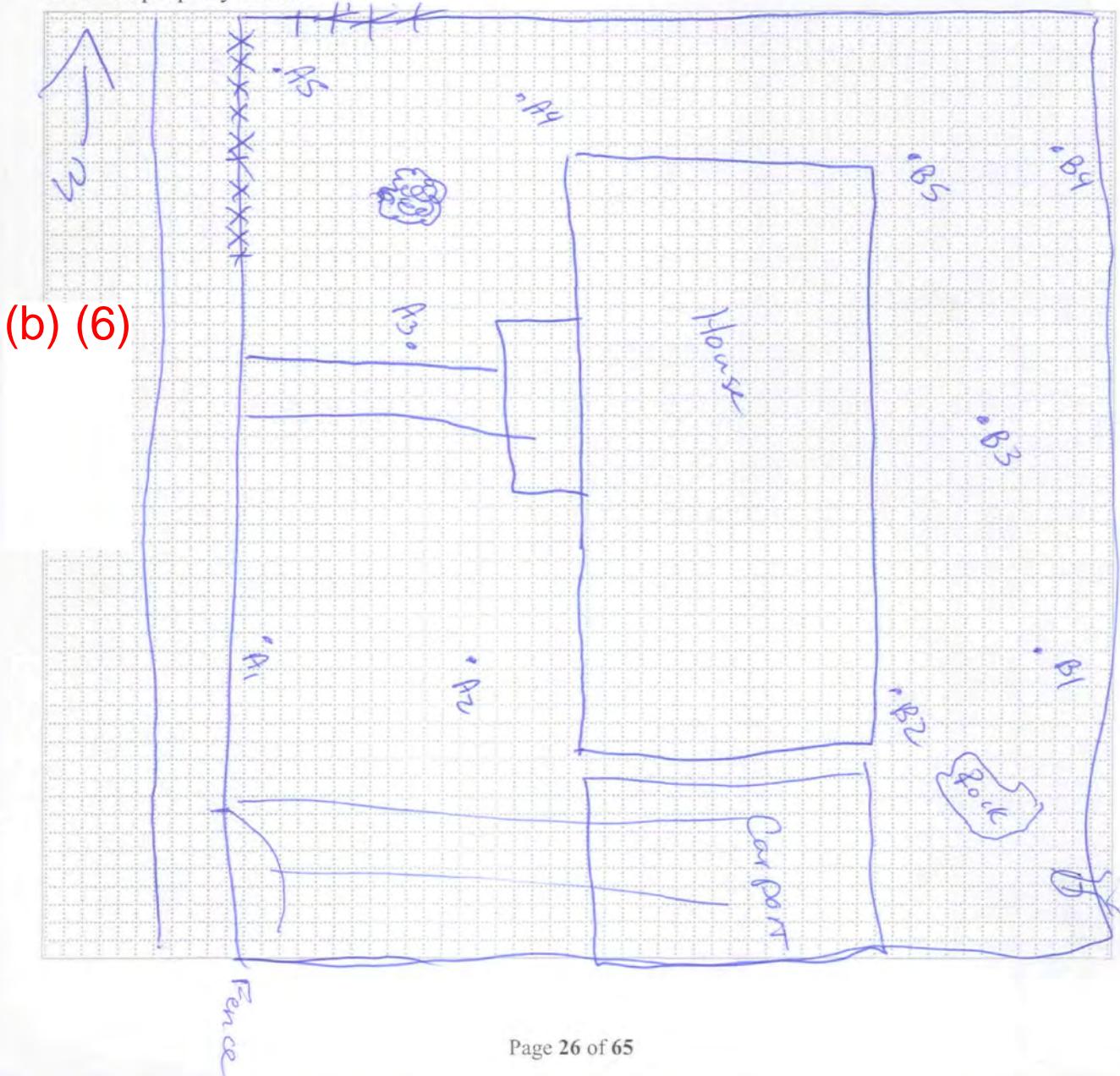
**Other pertinent information (weather conditions, etc.):**

**PROPERTY COMMENTS:**

Map says 2909 33<sup>rd</sup> Way N however the house  
that corresponds to the map placement has (b) (6)  
as house number.

Partly Cloudy.

### Grid for property sketch



STATION ID: CV1336

SAMPLE ID: CV1336 A-CS

SAMPLE COLLECTION TIME: 0920

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1336 A-CS

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	020168	Logged?	Y or N
Aliquot #1:	Latitude:	33.55209010	N Longitude	86.79906298	W
	Media description:	Brown Silty clay w/ gravel Dry.			
Aliquot #2:	Latitude:	33.55215470	N Longitude	86.79908776	W
	Media description:	Same as #1			
Aliquot #3:	Latitude:	33.55209231	N Longitude	86.7989923	86.79901439
	Media description:	33.5520413 Same as #1			
Aliquot #4:	Latitude:	33.55204113	N Longitude	86.7989923	W
	Media description:	Dark Brown Silty clay w/ gravel + coal Fragments.			
Aliquot #5:	Latitude:	33.55203591	N Longitude	86.79904712	W
	Media description:	Same as #4			

STATION ID: CV1336

SAMPLE ID: CV1336 B-CS

SAMPLE COLLECTION TIME: 0930

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:		Logged?	Y or N
Aliquot #1:	Latitude:	33.55203237	N Longitude	86.79881178	W
	Media description:	Dark Brown to Black Sandy Silt w/ Gravel + Coal Frag.			
Aliquot #2:	Latitude:	33.55201961	N Longitude	86.79885285	W
	Media description:	Same as #1			
Aliquot #3:	Latitude:	33.55209930	N Longitude	86.79883164	W
	Media description:	Brown Sandy Silt w/ Gravel + Coal Fragments			
Aliquot #4:	Latitude:	33.55213815	N Longitude	86.79880446	W
	Media description:	Same as #1			
Aliquot #5:	Latitude:	33.55213298	N Longitude	86.79885754	W
	Media description:	Same as #1			

**(b) (6)**

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV1116

DATE: 4-24-13 ARRIVAL TIME: 0950

Other pertinent information (weather conditions, etc.):

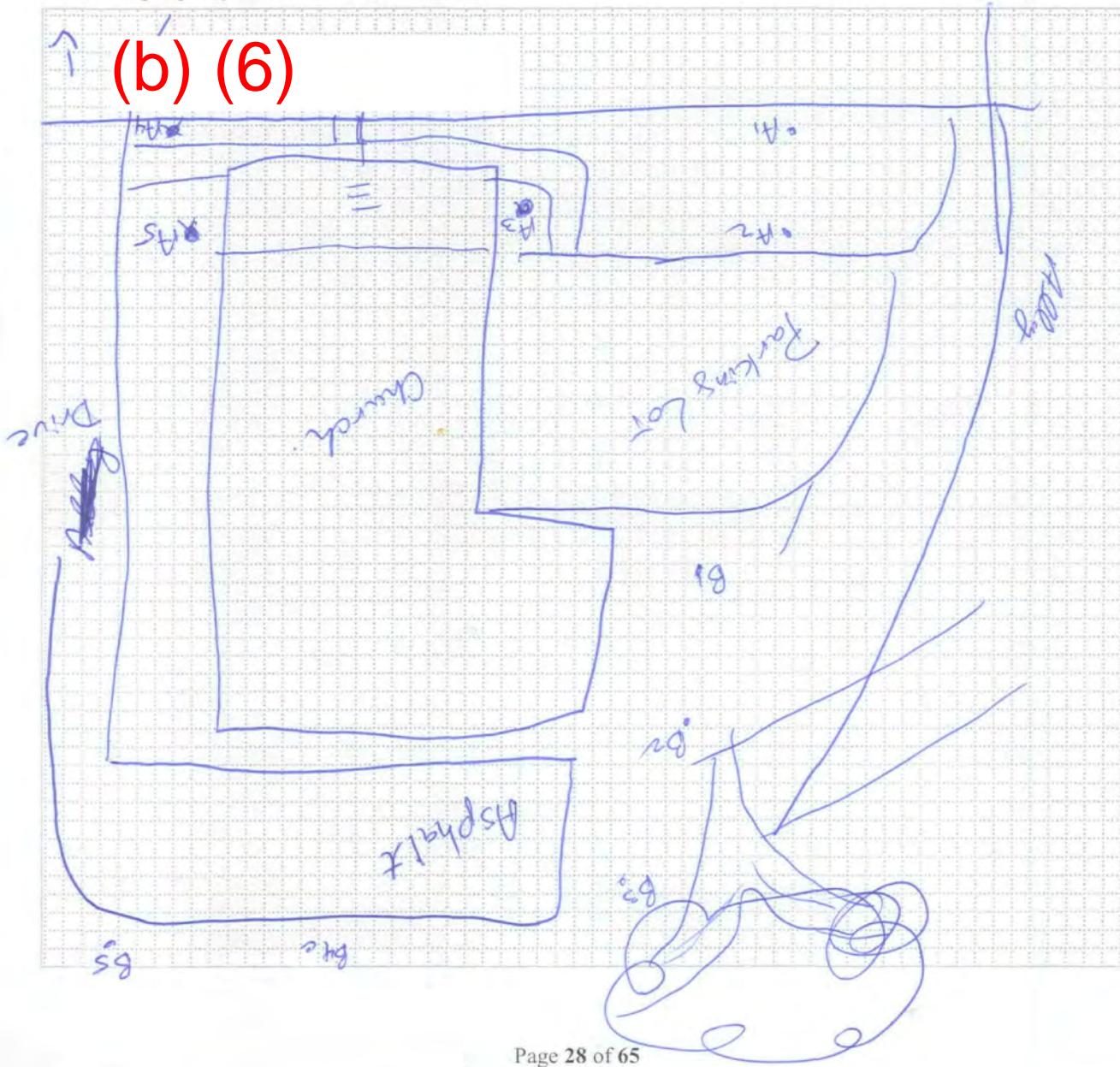
Cloudy

PROPERTY COMMENTS:

Greater Antioch Baptist Church

Only 2 sample collected. Large amount of lot  
is paved

Grid for property sketch



STATION ID: CV1116

SAMPLE ID: CV1116A

SAMPLE COLLECTION TIME: 10 25

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front of Church, typical :: Spt Dice Pattern

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.55021795	N Longitude	86.79632240 W
Media description:	Brown Silty Clay w/ gravel + coal Fragments		
Aliquot #2 Latitude:	33.55018806	N Longitude	86.79632147 W
Media description:	Same as #1		
Aliquot #3: Latitude:	33.55020867	N Longitude	86.79640789 W
Media description:	Same as #1		
Aliquot #4: Latitude:	33.55022389	N Longitude	86.79649576 W
Media description:	Same as #1		
Aliquot #5: Latitude:	33.55019939	N Longitude	86.79649749 W
Media description:	Same as #1		

STATION ID: CV 1116

SAMPLE ID: CV1116B

SAMPLE COLLECTION TIME: 10 20 25

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back of Church - More of a J sampling pattern

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.55000834	N Longitude	86.79632007 W
Media description:	Dark Brown Silty Clay		
Aliquot #2 Latitude:	33.54995991	N Longitude	86.79630342 W
Media description:	Same as #1		
Aliquot #3: Latitude:	33.54991619	N Longitude	86.79634845 W
Media description:	Same as #1		
Aliquot #4: Latitude:	33.54989273	N Longitude	86.79646237 W
Media description:	Dark Brown Silty Clay w/ lots of Gravel		
Aliquot #5: Latitude:	33.54989816	N Longitude	86.79651857 W
Media description:	Same as #4		

**(b) (6)**

ADDRESS:

PROPERTY ID: CV1220

DATE: 4-25-13

ARRIVAL TIME: 0915

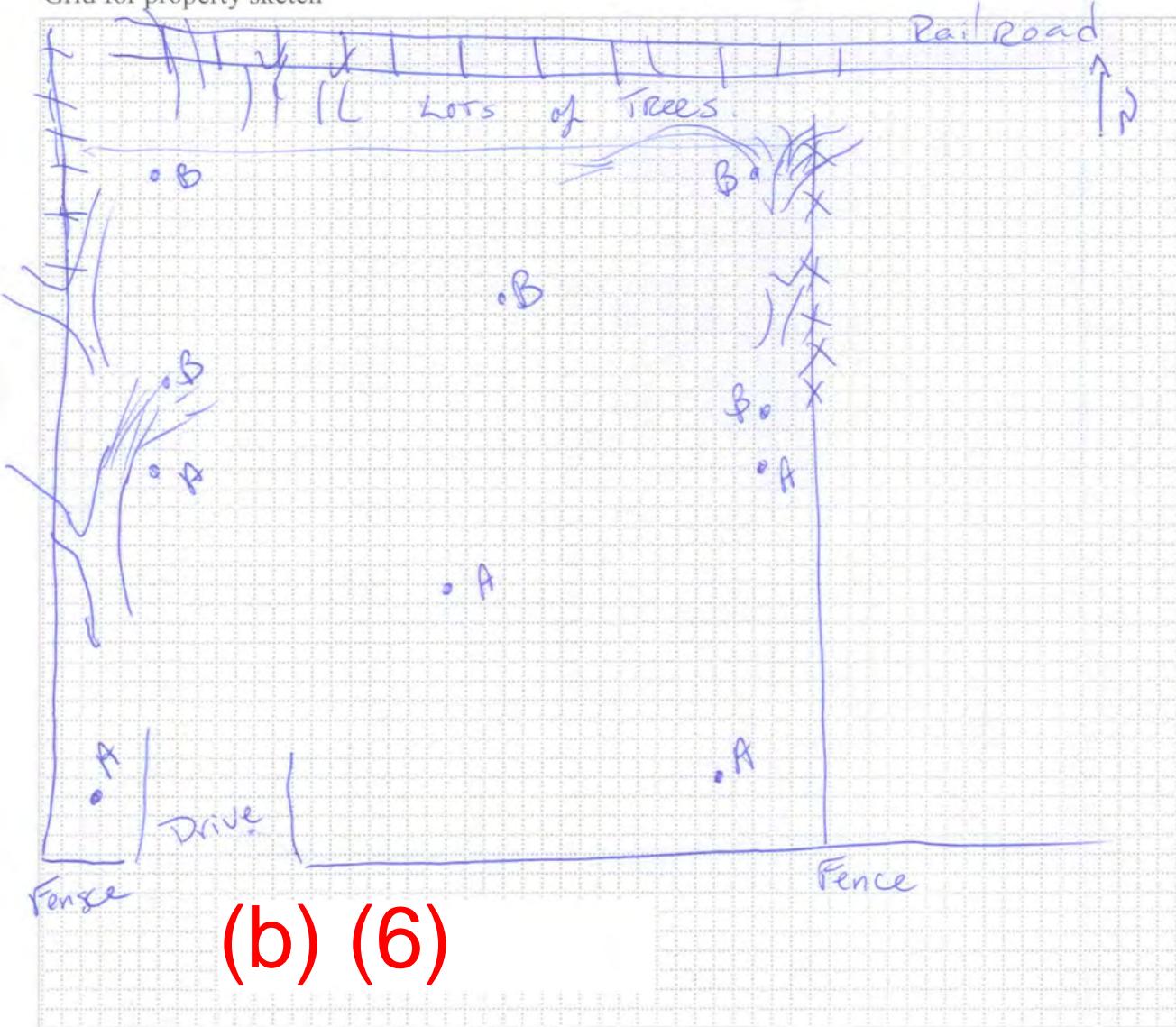
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

Vacant Lot - Lots of Trees at back of Property

Grid for property sketch



STATION ID: CV1220A

SAMPLE ID: CV1220 A-CS

SAMPLE COLLECTION TIME: 0930

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front HalfCollection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1220A-CS1

GPS Coordinates: Trimble [✓] Instrument #: 20168 (no beacon) Logged? Y or N

Aliquot #1: Latitude: 33.55210575 N Longitude 86.80251554 W

Media description: Dark Brown to Black Sandy silt w/ Gravel + coal Frag.

Aliquot #2 Latitude: 33.55224329 N Longitude 86.80251406 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55218370 N Longitude 86.80246269 W

Media description: same as #1

Aliquot #4: Latitude: 33.55224803 N Longitude 86.80240496 W

Media description: same as #1

Aliquot #5: Latitude: 33.55209735 N Longitude 86.80242419 W

Media description: same as #1

STATION ID: CV 1220 B

SAMPLE ID: 1220 B -CS

SAMPLE COLLECTION TIME: 0950

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back Half.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168 - No Beacon Logged? Y or N

Aliquot #1: Latitude: 33.55226836 N Longitude 86.80249441 W

Media description: Dark Brown to Black Sandy silt w/ Gravel + Coal Fragments

Aliquot #2 Latitude: 33.55241732 N Longitude 86.80249331 W

Media description: Brown Silty clay with some Gravel

Aliquot #3: Latitude: 33.55233842 N Longitude 86.80244567 W

Media description: same as #1

Aliquot #4: Latitude: 33.55241002 N Longitude 86.80239741 W

Media description: same as #1

Aliquot #5: Latitude: 33.55225794 N Longitude 86.80239898 W

Media description: same as #1

(b) (6)

ADDRESS:

PROPERTY ID: CV1227

DATE: 4-25-13

ARRIVAL TIME: 1000

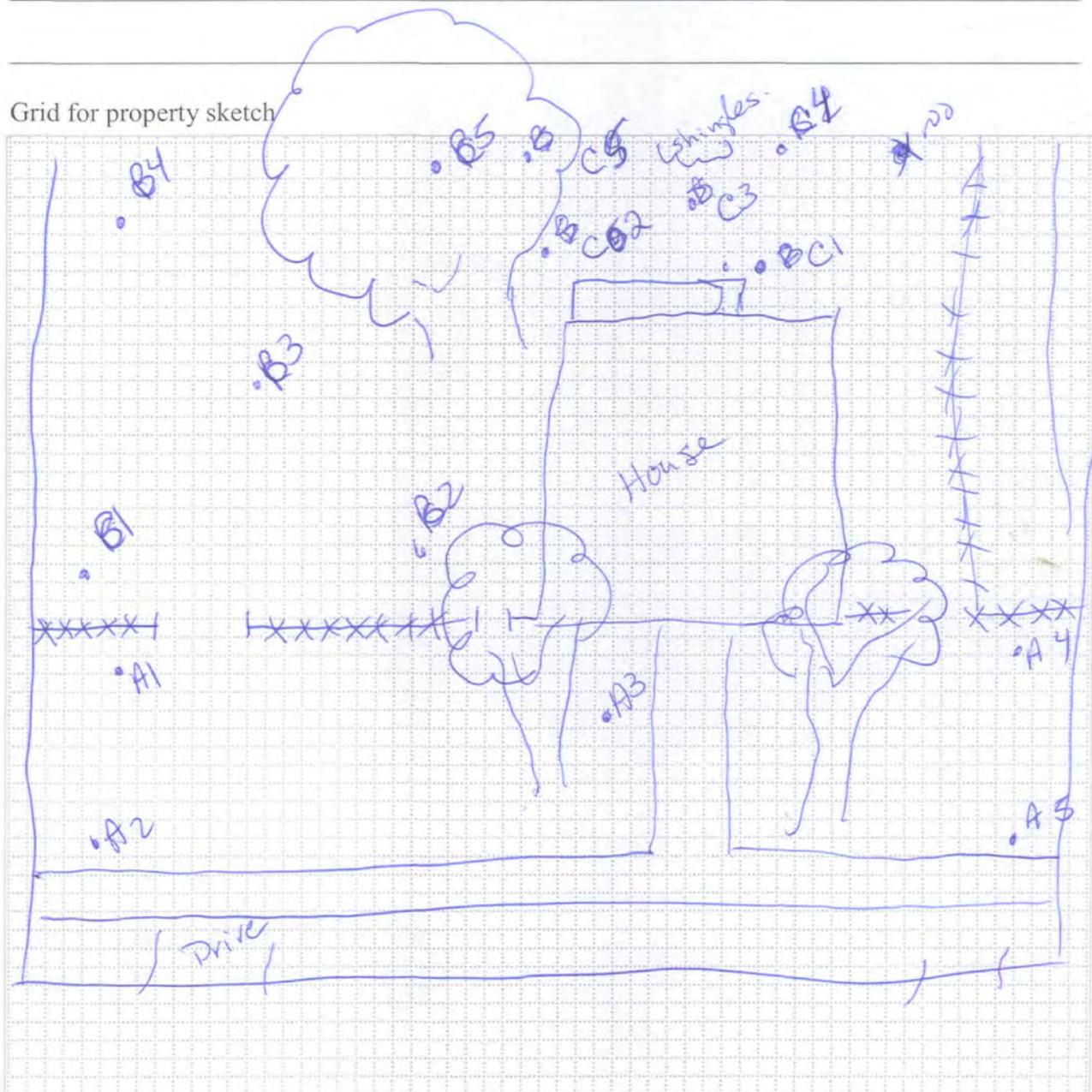
Other pertinent information (weather conditions, etc.):

Sunny.

PROPERTY COMMENTS:

Abandoned House

Grid for property sketch



STATION ID: CV1227 SAMPLE ID: CV1227A-CS

SAMPLE COLLECTION TIME: 1025

Description of sample location (front; back, side yard; vegetable garden; play set; ditch, etc):

Front Yard

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168 (No Beacon) Logged? Y or N

Aliquot #1: Latitude: 33.55208230 N Longitude 86.80162018 W  
Media description: BWN SILTY CLAY w/ GRAVEL

Aliquot #2: Latitude: 33.55213568 N Longitude 86.80161892 W  
Media description: DK BWN SILTY CLAY w/ GRAVEL + COAL FRAGMENTS

Aliquot #3: Latitude: 33.55211471 N Longitude 86.80173901 W  
Media description: SAME AS #2

Aliquot #4: Latitude: 33.55210065 N Longitude 86.80186579 W  
Media description: SAME AS #2

Aliquot #5: Latitude: 33.55215084 N Longitude 86.80186915 W  
Media description: SAME AS #2

STATION ID: CV1227 SAMPLE ID: CV1227B-CS

SAMPLE COLLECTION TIME: 1040

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side yard.

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168 (No Beacon) Logged? Y or N

Aliquot #1: Latitude: 33.55219612 N Longitude 86.80179217° W  
Media description: Brown Silty Clay w/ gravel + coal Frags

Aliquot #2: Latitude: 33.55220235 N Longitude 86.80186697 W  
Media description: Same as #1

Aliquot #3: Latitude: 33.55227557 N Longitude 86.80180183 W  
Media description: same as #1

Aliquot #4: Latitude: 33.55239922 N Longitude 86.80180795 W  
Media description: Same as #1

Aliquot #5: Latitude: 33.55239015 N Longitude 86.80186941 W  
Media description: Same as #1

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV1227

DATE: 4-25-13 ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

Sunny

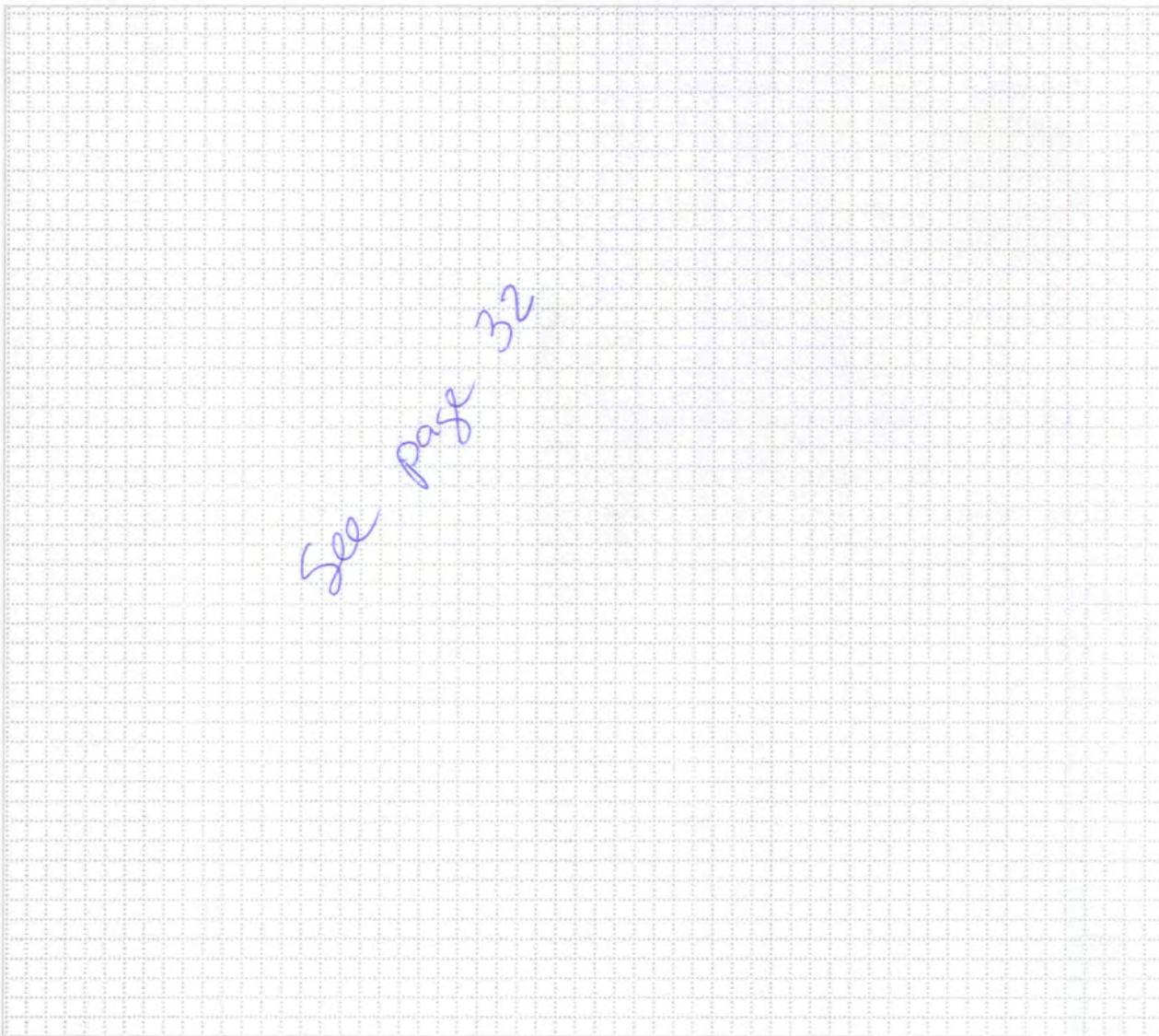
PROPERTY COMMENTS:

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Grid for property sketch



STATION ID: CV1227

SAMPLE ID: CV1227C-CS

SAMPLE COLLECTION TIME: 1050

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection:  Composite or GrabMS/MSD? Y or  NField Duplicate or Split: Yes or  If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ]	Instrument #: 020168	Logged? Y or N
Aliquot #1: Latitude: 33.55229351	N Longitude 86.80160726	W
Media description: Dark Brown to Black Sandy Silt w/ gravel + coal frags.		
Aliquot #2 Latitude: 33.55228988	N Longitude 86.80172726	W
Media description: Same as #1		
Aliquot #3: Latitude: 33.55233749	N Longitude 86.80168509	W
Media description: Same as #1		
Aliquot #4: Latitude: 33.55239732	N Longitude 86.80172385	W
Media description: Same as #1		
Aliquot #5: Latitude: 33.55240296	N Longitude 86.80162963	W
Media description: Same as #1		

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or <input checked="" type="radio"/> If yes, indicate Duplicate/split sample station ID:		
GPS Coordinates: Trimble [ <input type="checkbox"/> ]	Instrument #:	Logged? Y or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #2 Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: _____		

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV1228

DATE: 4-25-13 ARRIVAL TIME: 1100

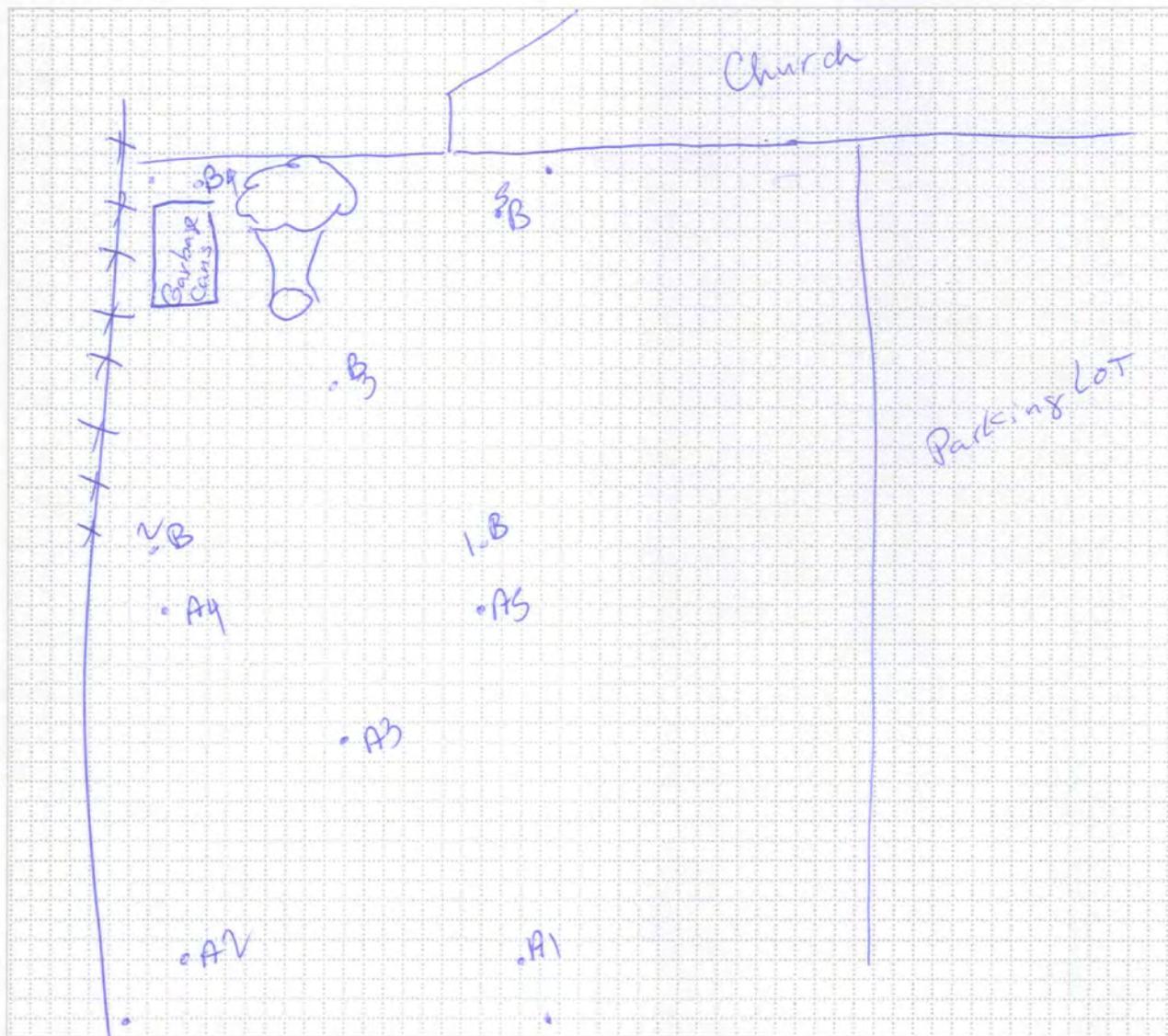
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

Vacant lot by Bethel Baptist Church.

Grid for property sketch



STATION ID: CV1228A

SAMPLE ID: CV1228A-CS

SAMPLE COLLECTION TIME: 1115

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front of Lot

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [ ] Instrument #:	Logged? Y or N
Aliquot #1: Latitude: 33.55193722	N Longitude 86.80173751 W
Media description: DK BROWN SILTY CLAY w/ GRAVEL + COAL FRAGMENTS	
Aliquot #2: Latitude: 33.55193218	N Longitude 86.80161223 W
Media description: BROWN SILTY CLAY w/ GRAVEL + COAL FRAGMENTS	
Aliquot #3: Latitude: 33.55187505	N Longitude 86.80167270 W
Media description: SAME AS #2	
Aliquot #4: Latitude: 33.55183355	N Longitude 86.80161717 W
Media description: SAME AS #1	
Aliquot #5: Latitude: 33.55183921	N Longitude 86.80172221 W
Media description: SAME AS #2	

STATION ID: CV1228B SAMPLE ID: CV1228B-CS

SAMPLE COLLECTION TIME: 1120

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back of Lot

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble [ ] Instrument #:	Logged? Y or N
Aliquot #1: Latitude: Dark B 33.55182514	N Longitude 86.80172098 W
Media description: Dark Brown/Black silty clay w/ Rock + white debris	
Aliquot #2: Latitude: 33.55182206	N Longitude 86.80163166 W
Media description: Brownish orange silty clay w/ ROCKS	
Aliquot #3: Latitude: 33.55175064	N Longitude 86.80171349 W
Media description: Dark Brown/Black silty clay w/ ROCKS	
Aliquot #4: Latitude: 33.55163185	N Longitude 86.80164982 W
Media description: Same as #3	
Aliquot #5: Latitude: 33.55164642	N Longitude 86.80174112 W
Media description: Same as #3	

(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: CV1224

DATE: 4-25-13 ARRIVAL TIME: 1258

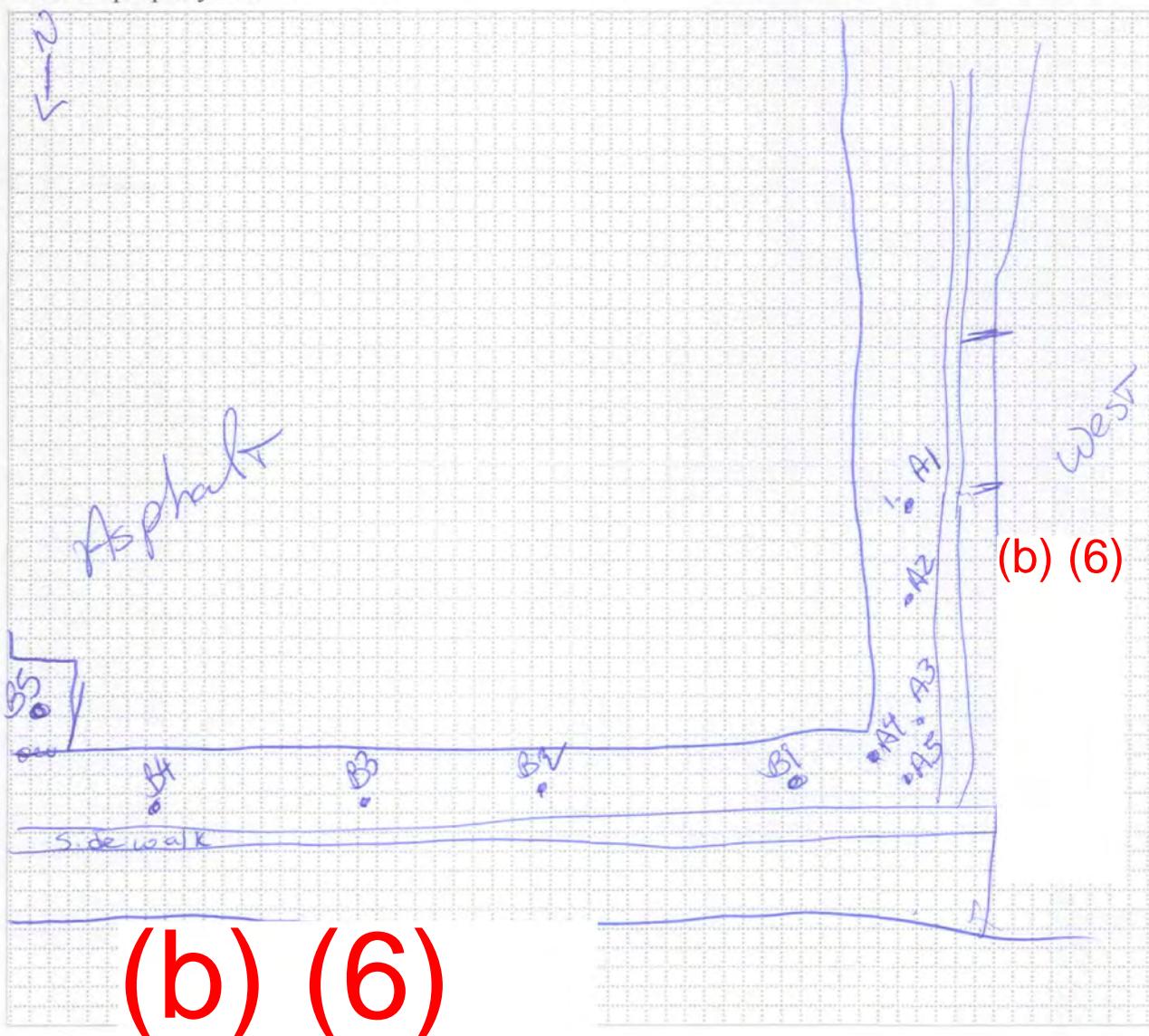
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

Church Parking Lot

Grid for property sketch



STATION ID: CV1224 SAMPLE ID: CV1224A-CS

SAMPLE COLLECTION TIME: 1315

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

West edge of Parking Lot

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [ ] Instrument #: 020168 / with Beacon Logged?  Y or N

Aliquot #1: Latitude: 33.55175719 N Longitude 86.80222290 W

Media description: Dar Brown Silty Clay w/ Gravel + Coal Frag.

Aliquot #2: Latitude: 33.55178427 N Longitude 86.80223574 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55185608 N Longitude 86.80224411 W

Media description: Brown Silty Clay w/ Gravel

Aliquot #4: Latitude: 33.55192065 N Longitude 86.80219892 W

Media description: Same as #1

Aliquot #5: Latitude: 33.55194969 N Longitude 86.80221656 W

Media description: Same as #1

STATION ID: CV1224 SAMPLE ID: CV1224B-CS

SAMPLE COLLECTION TIME: 1325

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

North edge of Parking Lot

Collection: Composite or Grab

MS/MSD? Y or  N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [ ] Instrument #: Logged? Y or N

Aliquot #1: Latitude: 33.55195883 N Longitude 86.80217190 W

Media description: Brown Silty clay w/ Gravel + Coal Fragments.

Aliquot #2: Latitude: 33.55194615 N Longitude 86.80211346 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55194783 N Longitude 86.80203629 W

Media description: same as #1

Aliquot #4: Latitude: 33.55194234 N Longitude 86.80197332 W

Media description: Same as #1

Aliquot #5: Latitude: 33.55191365 N Longitude 86.80196066 W

Media description: Same as #1

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: Cv1144

DATE: 4-25-13 ARRIVAL TIME: \_\_\_\_\_

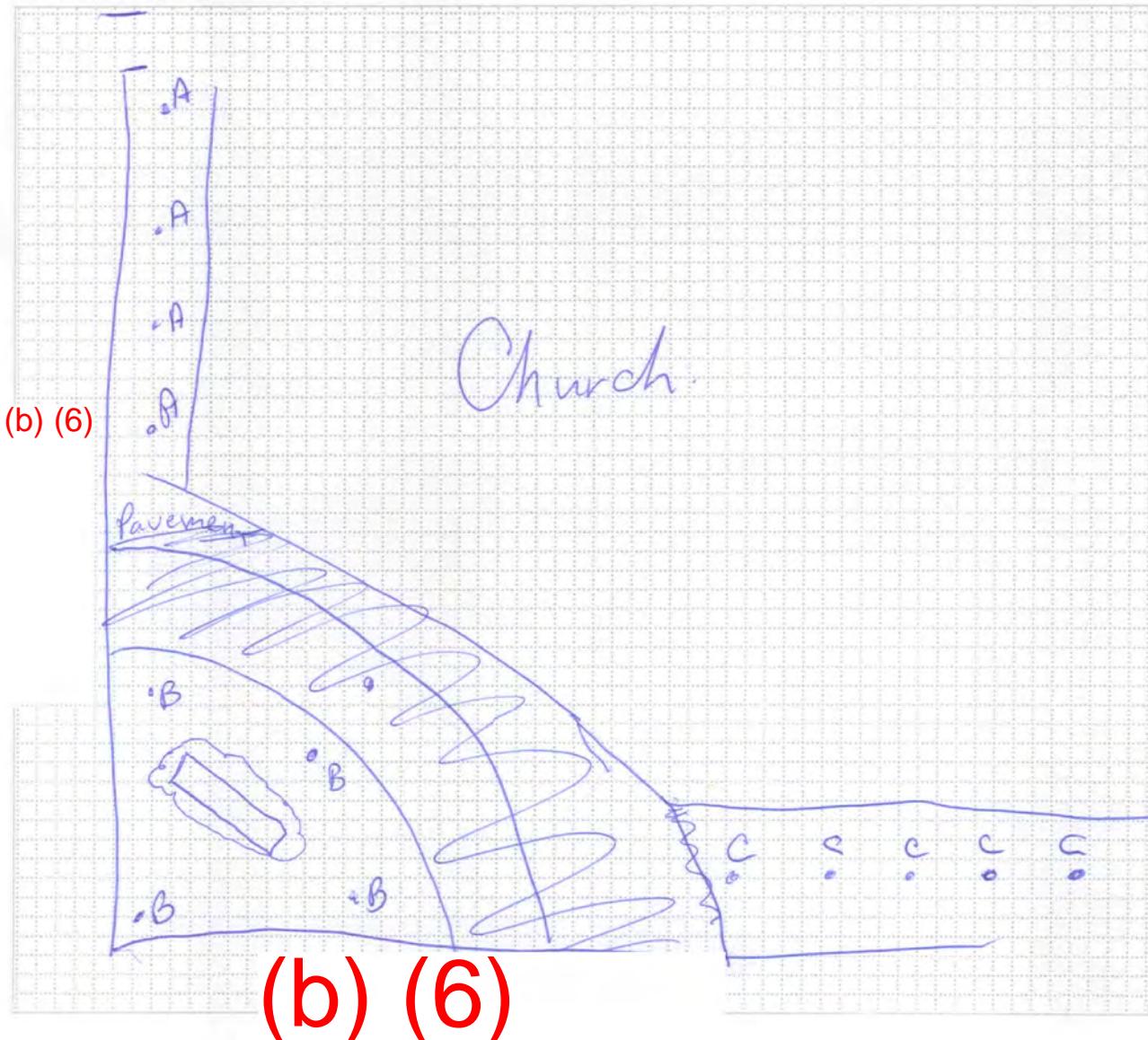
Other pertinent information (weather conditions, etc.):  
\_\_\_\_\_  
\_\_\_\_\_

PROPERTY COMMENTS:

New Bethel Baptist Church.

Most of the lot is taken up by the church.

Grid for property sketch



STATION ID: CV 1144 SAMPLE ID: CV 1144A

SAMPLE COLLECTION TIME: 1400

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

West side of church

Collection:  Composite or Grab MS/MSD?  Y or  N

Field Duplicate or Split: Yes or  No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [ ]	Instrument #:	020168 w/ Beacon	Logged? Y or N
Aliquot #1: Latitude:	33.55160505	N Longitude	86.80223276 W
Media description:	Brown Silty Clay w/ Gravel + Coal Frag		
Aliquot #2 Latitude:	33.55152840	N Longitude	86.80223010 W
Media description:	Brown Silty Clay		
Aliquot #3: Latitude:	33.55148704	N Longitude	86.80223649 W
Media description:	Same as #2		
Aliquot #4: Latitude:	33.55143616	N Longitude	86.80223507 W
Media description:	Same as #1		
Aliquot #5: Latitude:	NA	N Longitude	NA W
Media description:	NA		

STATION ID: CV 1144 SAMPLE ID: CV 1144B

SAMPLE COLLECTION TIME: 1415

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

SW (Front flower bed.)

Collection:  Composite or Grab MS/MSD?  Y or N

GPS Coordinates: Trimble [X]	Instrument #:	0201 68	Logged? <input checked="" type="radio"/> Y or N
Aliquot #1: Latitude:	33.55136913	N Longitude	86.80223945 W
Media description:	Brown Silty clay w/ GRANZ + COAL FRAGMENTS		
Aliquot #2 Latitude:	33.55129755	N Longitude	86.80223253 W
Media description:	SAME AS #1		
Aliquot #3: Latitude:	33.55132762	N Longitude	86.80218537 W
Media description:	SAME AS #1		
Aliquot #4: Latitude:	33.55131127	N Longitude	86.80214391 W
Media description:	SAME AS #1		
Aliquot #5: Latitude:	NA	N Longitude	NA W
Media description:	NA		

ADDRESS: CV11 PROPERTY ID: CV1144

DATE: 4-25-13 ARRIVAL TIME: \_\_\_\_\_

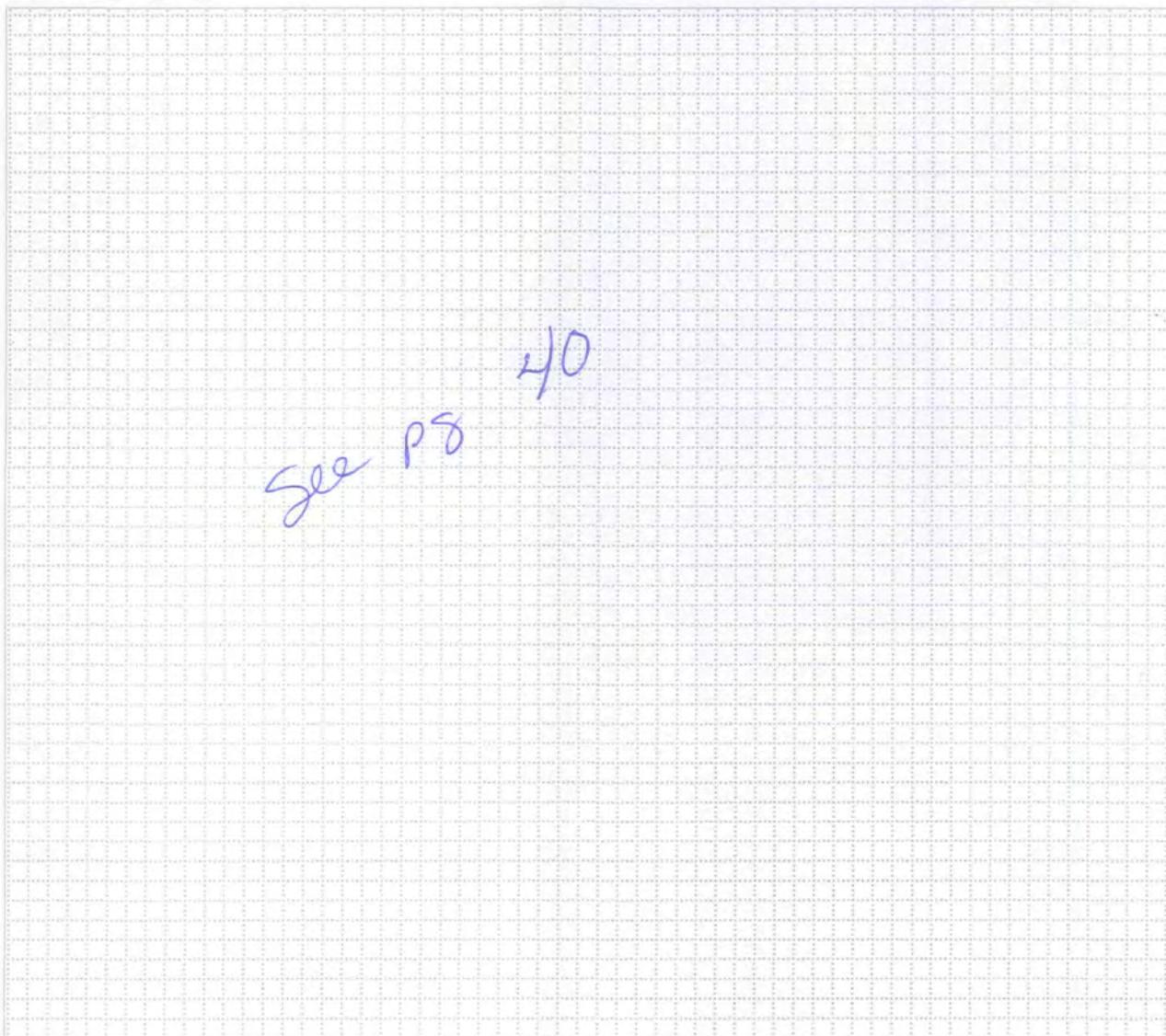
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

Church.

Grid for property sketch



STATION ID: CV 1144

SAMPLE ID: CV 1144 C -CS

SAMPLE COLLECTION TIME: 1425

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

South side of Church.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV 1144 C -CSD

GPS Coordinates: Trimble [ ] Instrument #: 020168 w/ Becon Logged? Y or N

Aliquot #1: Latitude: 33.55128417 N Longitude 86.80204170 W

Media description: Brown Silty Clay w/ Gravel + trace of coal frags.

Aliquot #2 Latitude: 33.55128375 N Longitude 86.80197409 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55128145 N Longitude 86.80190897 W

Media description: same as #1

Aliquot #4: Latitude: 33.55128413 N Longitude 86.80183689 W

Media description: same as #1

Aliquot #5: Latitude: 33.55128406 N Longitude 86.80176508 W

Media description: same as #1

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

~~Collection:~~ Composite or Grab

MS/MSD? Y or N

~~Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:~~ \_\_\_\_\_

GPS Coordinates: Trimble [ ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

(b) (6)

ADDRESS: CV-1146

PROPERTY ID: CV1146

DATE: 4-25-13

ARRIVAL TIME: \_\_\_\_\_

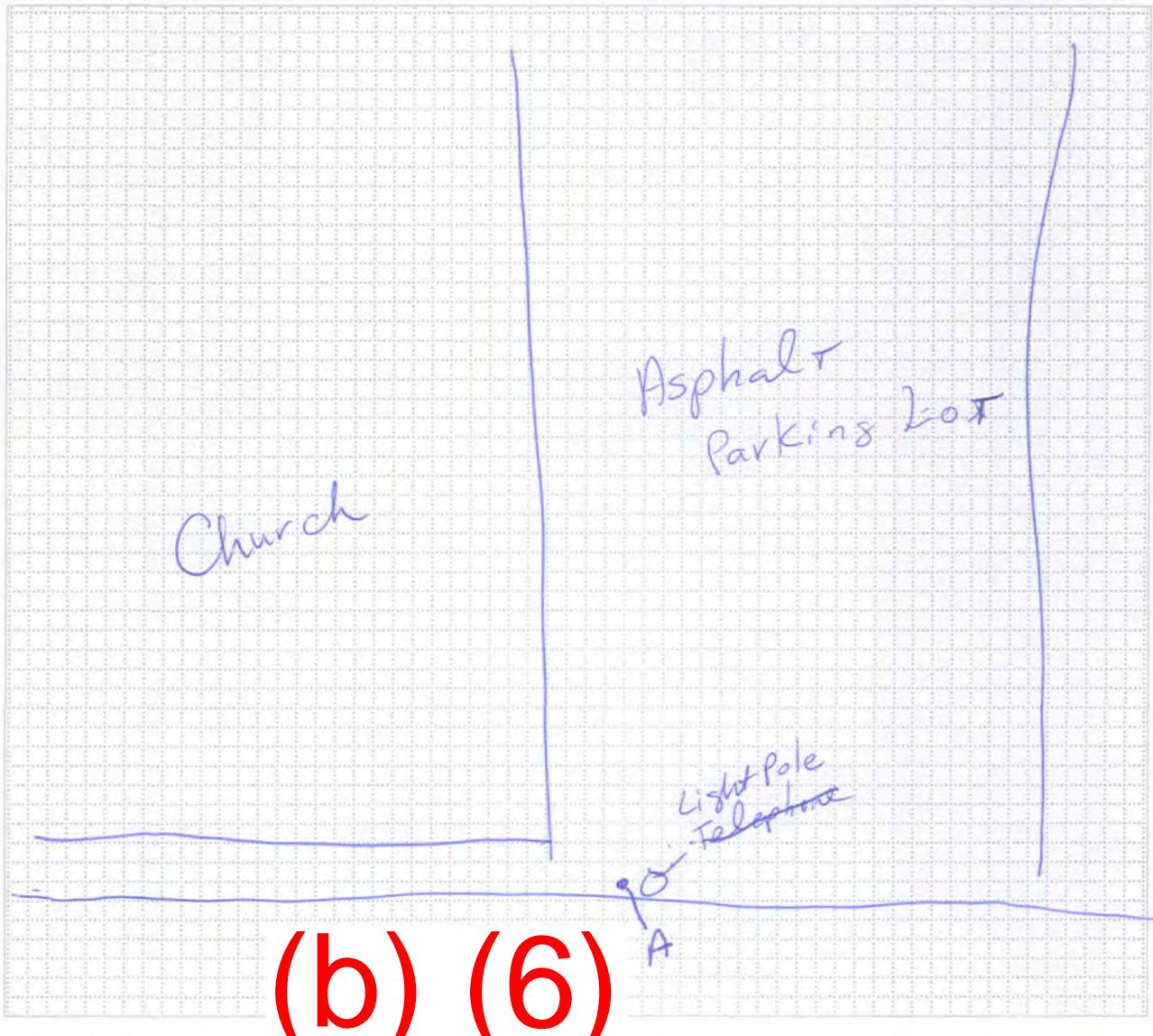
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

East side Parking lot for  
new Bethel Baptist Church. Grab only.  
No other areas available to sample.

Grid for property sketch



STATION ID: CV1146

SAMPLE ID: CV1146A

SAMPLE COLLECTION TIME: 1410

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

By street.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [  ] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.55128779 N Longitude 86.80168811 W

Media description: Brown silty clay over gray gravel, over reddish Brown clay

Aliquot #2 Latitude: n/a N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

~~SAMPLE COLLECTION TIME: \_\_\_\_\_~~

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [  ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

**(b) (6)**

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV114Z

DATE: 4/26/13 ARRIVAL TIME: 0830

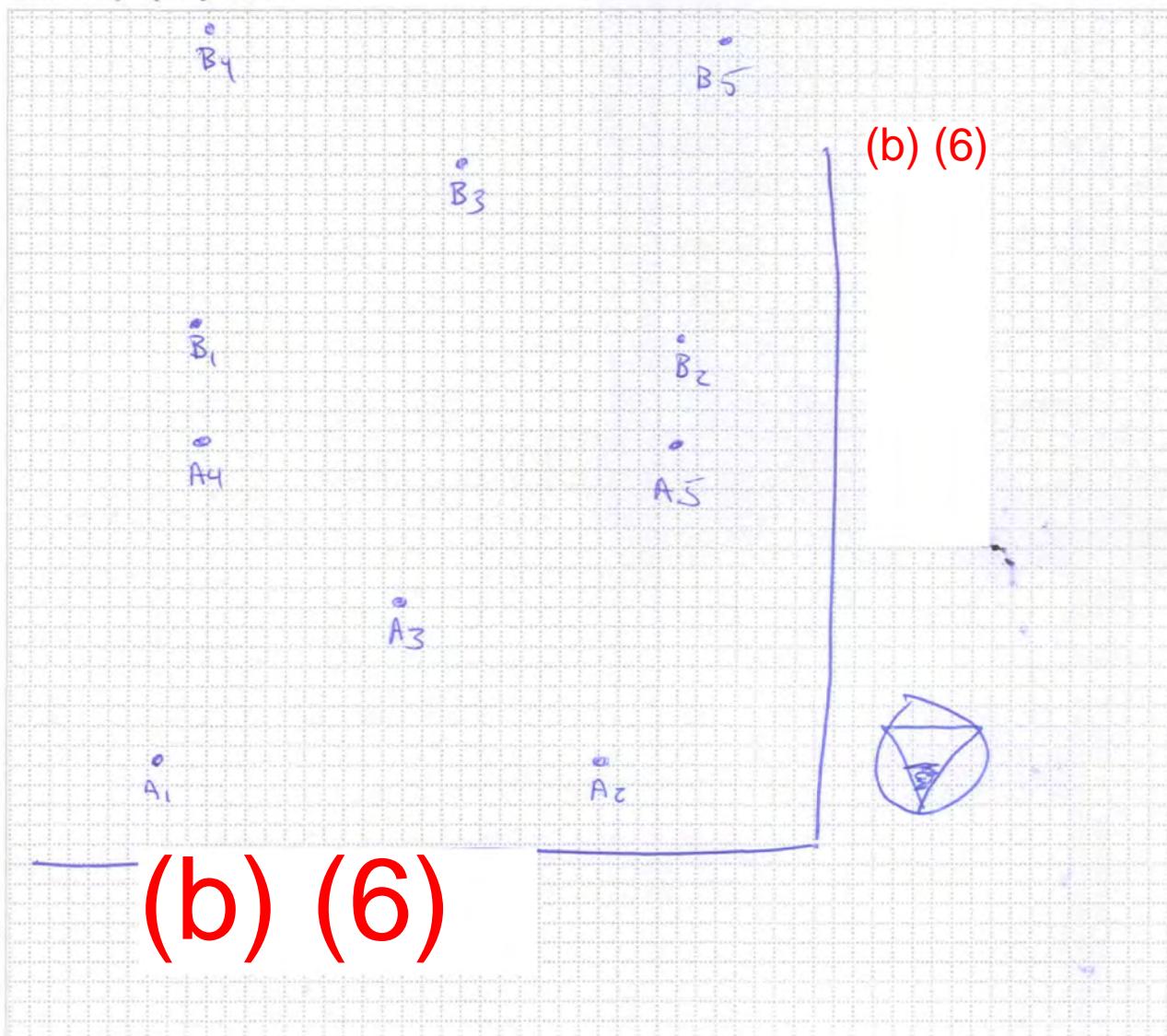
Other pertinent information (weather conditions, etc.):

59° sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CV114Z SAMPLE ID: CV114ZA-CS

SAMPLE COLLECTION TIME: 0848

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Parcel

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV114ZA-CS-D

GPS Coordinates: Trimble [✓] Instrument #: 020168	Logged? Y or N
Aliquot #1: Latitude: 33.55115065	N Longitude 86.80209663 W
Media description: light Brown s.ilty clay w/ gravel	
Aliquot #2 Latitude: 33.55114267	N Longitude 86.80221640 W
Media description:	
Aliquot #3: Latitude: 33.55108455	N Longitude 86.80217051 W
Media description:	
Aliquot #4: Latitude: 33.55107587	N Longitude 86.80209689 W
Media description:	
Aliquot #5: Latitude: 33.55104786	N Longitude 86.80223515 W
Media description:	

STATION ID: CV114Z SAMPLE ID: CV114ZB-CS

SAMPLE COLLECTION TIME: 0851

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Parcel

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:	
GPS Coordinates: Trimble [✓] Instrument #: 020168	Logged? Y or N
Aliquot #1: Latitude: 33.55100160	N Longitude 86.80210394 W
Media description: Redish Brown salty clay	
Aliquot #2 Latitude: 33.55101447	N Longitude 86.80224165 W
Media description: Same B1	
Aliquot #3: Latitude: 33.53092953	N Longitude 86.80218482 W
Media description: Same B1 + gravel	
Aliquot #4: Latitude: 33.53087717	N Longitude 86.80211812 W
Media description: Same B1	
Aliquot #5: Latitude: 33.53086382	N Longitude 86.8022762 W
Media description: Same B1 + gravel	

**(b) (6)**

ADDRESS:

PROPERTY ID: CV 1143

DATE: 4/26/13

ARRIVAL TIME: 0840

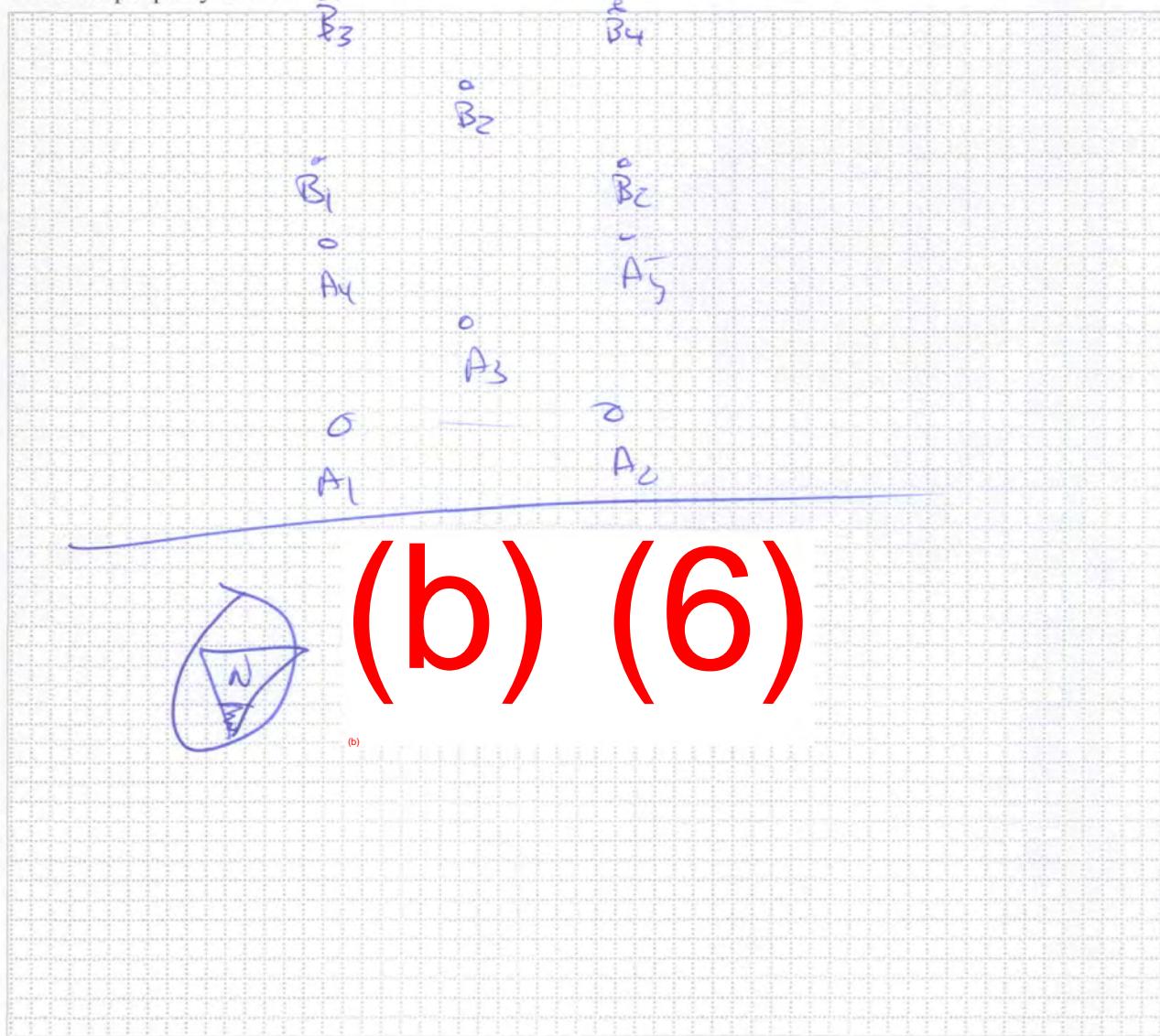
Other pertinent information (weather conditions, etc.):

60° sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CV1143 SAMPLE ID: CV1143A-CS

SAMPLE COLLECTION TIME: 955

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Pond

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates:	Trimble <input checked="" type="checkbox"/> Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1:	Latitude:	<u>33.55114506</u>	N Longitude <u>86.80194929</u> W
	Media description:	<u>Dark Brown to Black w/ gravel &amp; coal fragments</u>	
Aliquot #2:	Latitude:	<u>33.55114907</u>	N Longitude <u>86.80204364</u> W
	Media description:	<u>Brown silty clay</u>	
Aliquot #3:	Latitude:	<u>33.55109384</u>	N Longitude <u>86.80199746</u> W
	Media description:	<u>Same A<sub>1</sub></u>	
Aliquot #4:	Latitude:	<u>33.55104601</u>	N Longitude <u>86.80195316</u> W
	Media description:	<u>Same A<sub>1</sub></u>	
Aliquot #5:	Latitude:	<u>33.55104814</u>	N Longitude <u>86.80204638</u> W
	Media description:	<u>Same A<sub>1</sub></u>	

STATION ID: CV1143 SAMPLE ID: CV1143B-CS

SAMPLE COLLECTION TIME: 0905

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Pond

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or <u>No</u> If yes, indicate Duplicate/split sample station ID: _____			
GPS Coordinates:	Trimble <input checked="" type="checkbox"/> Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1:	Latitude:	<u>33.55099447</u>	N Longitude <u>86.8020527</u> W
	Media description:	<u>Dark Brown n silty clay Gravel &amp; coal fragments</u>	
Aliquot #2:	Latitude:	<u>33.55098625</u>	N Longitude <u>86.80195132</u> W
	Media description:	<u>Same B<sub>1</sub></u>	
Aliquot #3:	Latitude:	<u>33.55093181</u>	N Longitude <u>86.80199830</u> W
	Media description:	<u>Same B<sub>1</sub></u>	
Aliquot #4:	Latitude:	<u>33.55086203</u>	N Longitude <u>86.80196946</u> W
	Media description:	<u>Same B<sub>1</sub></u>	
Aliquot #5:	Latitude:	<u>33.55086933</u>	N Longitude <u>86.80205859</u> W
	Media description:	<u>Same B<sub>1</sub></u>	

**(b) (6)**

ADDRESS: \_\_\_\_\_ PROPERTY ID: CW1145

DATE: 4/26/13 ARRIVAL TIME: 0840

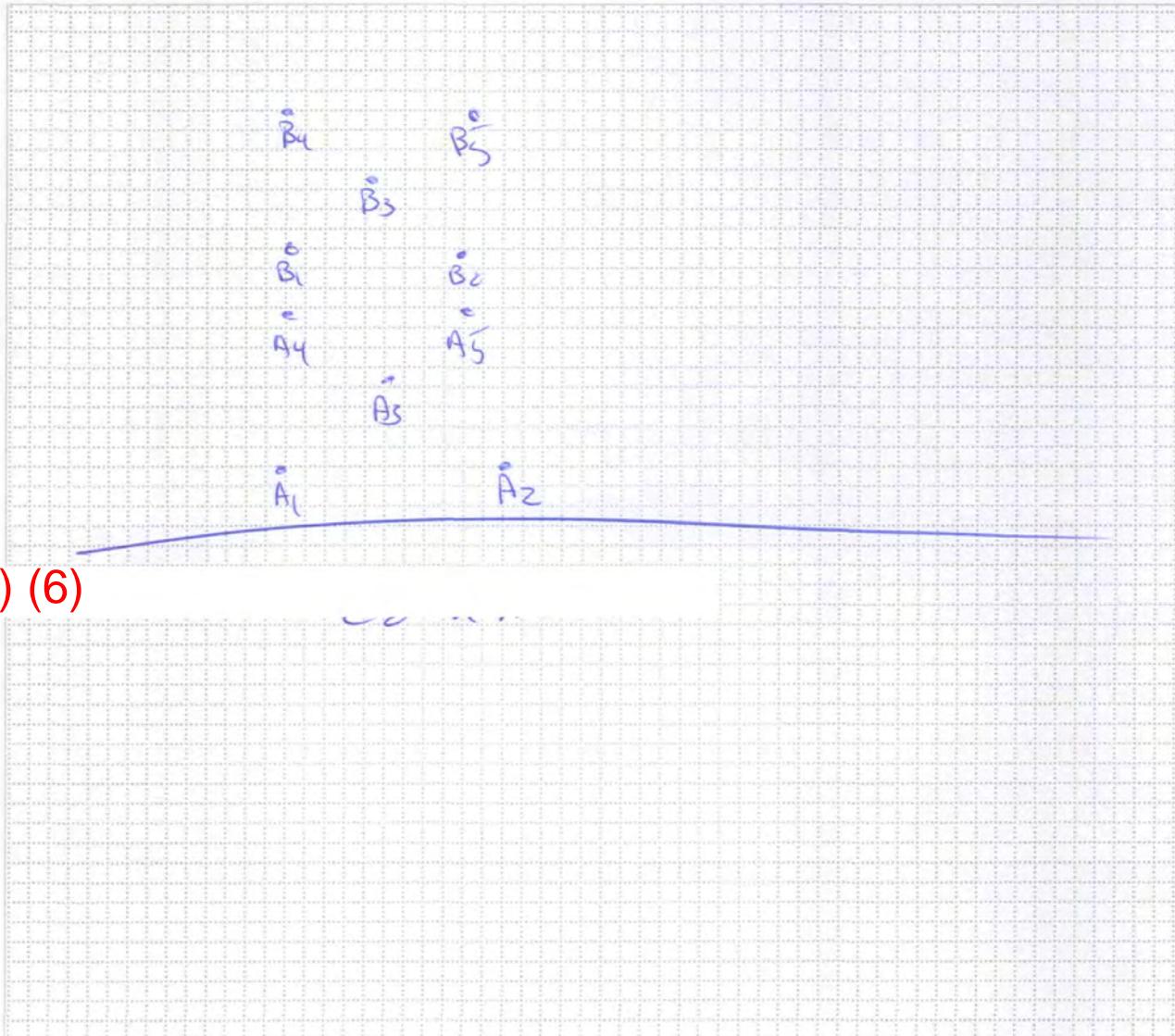
Other pertinent information (weather conditions, etc.):

60° sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



**(b) (6)**

STATION ID: CV1145 SAMPLE ID: CV1145A-CS

SAMPLE COLLECTION TIME: 0910

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Parcel

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓]	Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.55113122	N Longitude	86.80180884 W
Media description:	Redish orange clay w/ gravel		
Aliquot #2: Latitude:	33.551128283	N Longitude	86.80188315 W
Media description:	Stn A1		
Aliquot #3: Latitude:	33.55108226	N Longitude	86.80184922 W
Media description:	Stn A1		
Aliquot #4: Latitude:	33.55102472	N Longitude	86.80181494 W
Media description:	Stn A1		
Aliquot #5: Latitude:	33.55103634	N Longitude	86.80185 W
Media description:	Stn A1		

STATION ID: CV1145 SAMPLE ID: CV1145B-CS

SAMPLE COLLECTION TIME: 1045 910 DR

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Empty Parcel

Collection: Composite or Grab MS/MSD? Y or N

GPS Coordinates: Trimble [✓]	Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.55097326	N Longitude	86.80181620 W
Media description:	Dark clay		
Aliquot #2: Latitude:	33.55098081	N Longitude	86.80188644 W
Media description:	Dark Brown silty C1		
Aliquot #3: Latitude:	33.55091764	N Longitude	86.80186537 W
Media description:	Stn B2		
Aliquot #4: Latitude:	33.55086538	N Longitude	86.80183124 W
Media description:	Stn B2		
Aliquot #5: Latitude:	33.55090131	N Longitude	86.80180731 W
Media description:	Light Brown silty C1		

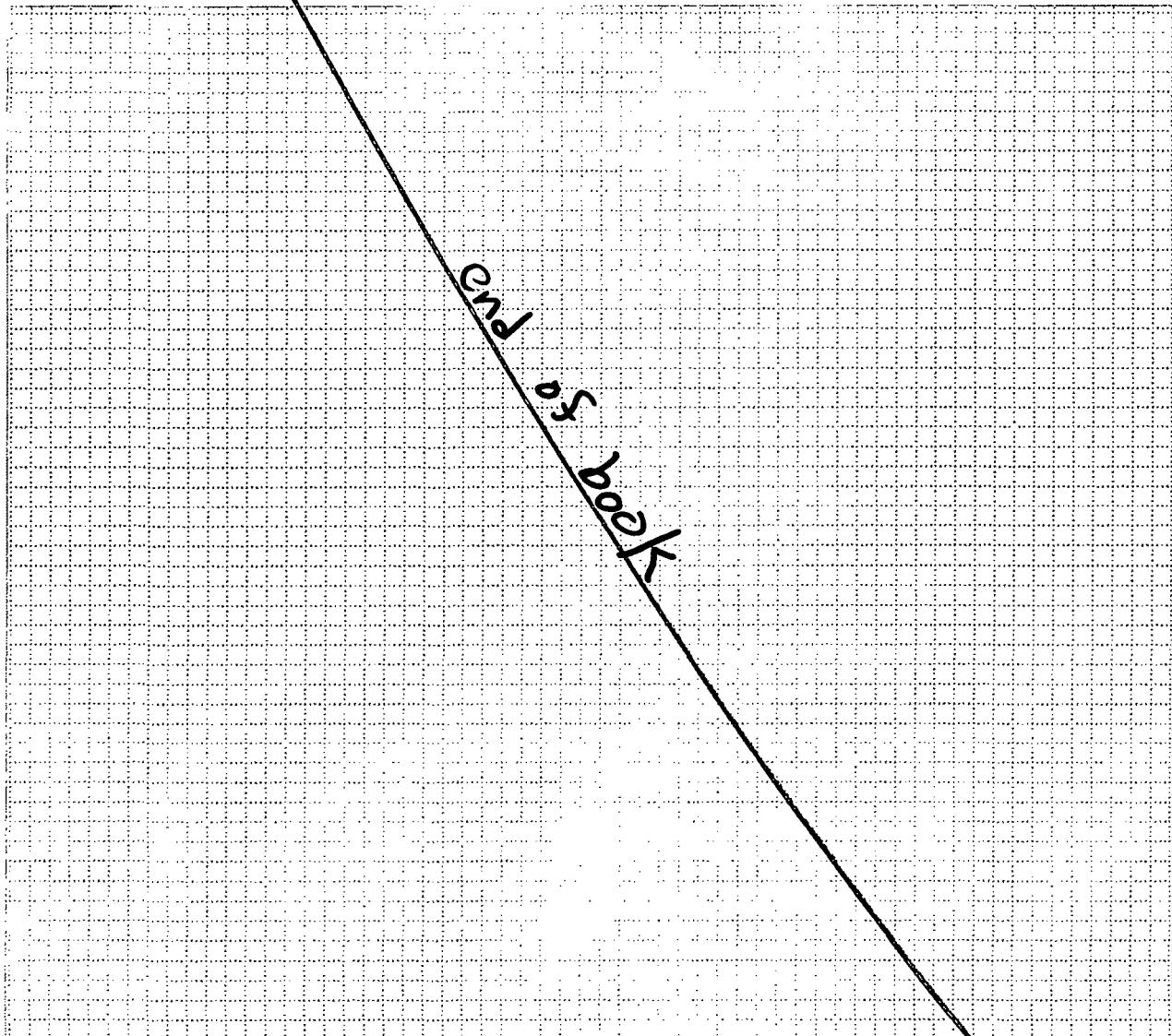
ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):  
\_\_\_\_\_  
\_\_\_\_\_

PROPERTY COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_

Grid for property sketch



The remaining pages in this logbook are  
blank and have not been scanned.